



L. Reusche & Co.
New York

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L. REUSCHE & CO.
IMPORTERS AND MANUFACTURERS

Illustrated Catalogue

Edition No. 10



L. REUSCHE & CO.
34 UNION SQUARE
S. E. Corner 16th St.
NEW YORK

THE KNICKERBOCKER PRESS, NEW ROCHELLE, N. Y.

FOREWORD

Our founder, Louis Reusche, whose interest in Keramic Art began in the year 1870, and who devoted his entire life to its furtherance, found in his experience that there was no one manufacturer who excelled in producing all colors or materials superior to his competitors. Hence, although we manufacture a large proportion of the merchandise sold under our brand ELARCO, we have made a selection of such products made abroad which are considered the best in their line. These are designated by name of the manufacturer or by the country of origin.

We have always striven to serve our friends honestly and faithfully. This shall continue to be our policy.

As there are constant difficulties arising in the Keramic Art, we shall at all times be glad to give whatever information our many years experience enables us to impart.

We feel sure that our friends appreciate our efforts and will continue to favor us with their kind patronage.

L. REUSCHE & COMPANY.



*Colors and Materials
for
China and Glass Decoration*

∞

*Manufacturers of
Gold and Silver Preparations
for the
Keramic Art and Glass Industries*

∞

Glass Stainers' Colors

*Chemicals and Oxides
for
Potters' and Glass Makers' Use
also for
Enameled Iron, Bricks, Etc.*

Sole Agents for JAMES HANCOCK & SON
Diglis Ceramic Art Color Works, Worcester, England

Copy of Agency Appointment

WORCESTER, ENGLAND, FEB'Y 21, '06.

To Our Esteemed Clients in the U. S.:

DEAR SIRS—We have great pleasure in informing you that we have appointed Messrs. L. Reusche & Co., of New York, our Sole Agents for the United States from this date.

Our well known Potters' and Glass Colors will, in future, be only obtainable through them, and we trust that you will continue to extend to us, through Messrs. L. Reusche & Co., the favors that we have received from you for so many years.

Yours faithfully,

JAMES HANCOCK & SON.



Sole Agents for GEO. FOCHT'S SONS
Makers of the Focht Gas Kilns, Hoboken, N. J.

Copy of Agency Appointment

HOBOKEN, N. J., MARCH 30, 1909.

Messrs. L. Reusche & Co.:

Referring to the conversation with our Mr. Theodore Focht, we hereby appoint you our sole selling agents for the Gas Fired Kilns manufactured by us, and all inquiries for our Kilns, reaching us, will be referred to you.

Very truly yours,

GEO. FOCHT'S SONS.



REPRESENTATIVES
for
KERAMIC CHINA DECORATING KILNS
and
KERAMIC POTTERY KILNS

The Largest Direct Importers in America

of the products of the following well known manufacturers of Colors,
Materials, Chemicals, Etc.

JAMES HANCOCK & Son, Ltd.....	Worcester, England
HAMILTON & Co., Ltd.....	London, England
SHEFFIELD CUTLERY WORKS.....	Sheffield, England
WENGERS, Ltd.....	Etruria, England
A. LACROIX & Co.....	Paris, France
PITET AINIE & CIE.....	Paris, France
MULLER & HENNIG.....	Dresden, Germany
GNEIST & WENZEL.....	Dresden, Germany
ROYAL MEISSEN PORC. MANUFACTORY...	Meissen, Germany
Jos. F. GUNZEL.....	Haida, Austria

Our connections with all the leading manufacturers of Colors, Materials, Chemicals, Etc., throughout England, France, Germany, Austria, Italy, Japan, China and other Foreign countries enable us to import or export any article our clients may desire.



A comprehensive line of Geitner's and Greiner's Colors

IMPORTANT NOTICE

Goods sent by Mail or Parcel Post valued from \$1.00 up will be insured against loss. Postage and insurance will be added to invoice.

All goods will be packed with utmost care and no allowance will be made for breakage.

No claims allowed unless made within five days after receipt of goods.

To avoid mistakes please order by catalogue numbers.

Employing triplicate checking system, all Parcel Post, Express and Freight packages contain a duplicate "packer's contents slip" which must correspond with contents of package.

Packing cases of bulky nature will be charged at cost.

Prices are subject to change without notice.

This Catalogue is printed without prices, owing to the uncertainty of Labor and Raw Material Costs.

Price supplements will be issued periodically.

Notice to Consumers

We do not solicit *RETAIL ORDERS* but confine our business to the legitimate *dealer*.

Should you not be able to procure our goods from your regular dealer, we will fill your orders direct.





OVERGLAZE COLORS



For Painting, Printing, Grounding and Spraying
on China and Earthenware

Are ready for use. (Ground extra fine)



Overglaze Colors are adapted for Rose Color heat (Cone 013, 860° Cent.,
1580° Fahr.). For temperature scale refer to page 93



BLACKS

No.	lb.	oz.	No.	lb.	oz.
R. Aero Black No. 4413.....			9. Grey Black.....		
R. Black No. 4019.....			10. Ivory Black, French.....		
1. Black for Dial Painting.....			11. Jet Black.....		
2. Blue Black.....			12. Lettering Black, superior.....		
2A. Blue Black for Shading.....			13. Outlining Black, German.....		
3. Brunswick Black, German.....			14. Mixing Black for Browns and Greys.....		
3A. Brunswick Black, Special; for figure painting and also for mixing with Ruby and Violet.....			14A. Photo Black.....		
4. Copper Black.....			15. Printing Black, No. 1.....		
5. Deep Black, superior.....			16. Printing Black, No. 2.....		
6. Ebony Black.....			16A. Purple Black.....		
7. French Black, superior.....			17. Raven Black, French.....		
8. German Black.....			17A. Royal Berlin Black.....		
8A. German Black F.....			18. Shining Black, brilliant.....		
8B. German Black, No. 3.....			19. Soft Black.....		
			20. Strong Black.....		



ELARCO OUTLINING INK

Black No. 330S. For China and Glass. Ready for use. Per bottle.

Overglaze Colors

BLUES

No.	lb.	oz.
30. Air Blue, German, F.....		
30A. Aztec Blue.....		
31. Azure Blue, Extra deep, Hancock's.....		
31B. Azure Glaze.....		
32. Baby Blue, F.....		
33. Banding Blue, German, F....		
33A. Banding Blue, very dark.....		
34. Banding Blue, No. 1.....		
35. Banding Blue, No. 2.....		
36. Banding Blue, No. 3.....		
36A. Banding Blue, special.....		
37. Blue, M, No. 1.....		
38. Blue, C, No. 5.....		
39. Blue, C, No. 7, strong.....		
40. Carmine Blue, German.....		
41. Celeste, No. 5.....		
42. Celeste, No. 10.....		
43. Celeste, No. 50.....		
43A. Celeste, special.....		
44. Celestial Blue, French.....		
45. Celestial Blue, No. 1.....		
46. Celestial Blue, No. 119.....		
46A. Columbia Blue.....		
46B. Cobalt Blue, intense.....		
R. Celestial Blue, No. 4403.....		
47. Copenhagen Blue, F.....		
47A. Copenhagen Blue, S.....		
48. Cornflower Blue.....		
49. Dark Blue, French.....		
50. Deep Blue, French.....		
51. Deep Berlin Blue, strong....		
52. Delft Blue.....		
53. ELARCO Blue, very rich, to imitate Underglaze Mazarine Blue.....		
53A. Electric Blue.....		
53B. Etruria Blue.....		
R. Hanley Blue, No. 4402.....		
54. Indian Blue, French.....		
55. Indigo Blue.....		
56. Lavender for glazing.....		
57. Lavender Blue.....		
58. Light Blue, for grounding....		

BLUES

No.	lb.	oz.
59. Light Blue, German.....		
60. Light Sky Blue, French.....		
60A. Limousine Blue.....		
61. Marine Blue, French.....		
61A. Mazarine Blue.....		
62. Meissen Blue.....		
63. Navy Blue, F, very dark.....		
64. Old Dutch Blue.....		
65. Old Blue.....		
66. Outremer Blue, No. 1.....		
67. Outremer Blue, No. 2.....		
68. Outremer Blue, No. 3.....		
69. Peacock Blue, No. 1.....		
70. Peacock Blue, No. 2.....		
70A. Persian Blue.....		
71. Printing Blue, No. 1.....		
72. Printing Blue, No. 2.....		
73. Printing Blue, No. 3.....		
74. Robin's Egg Blue.....		
75. Royal Blue, very dark and rich, Hancock's.....		
75A. Royal Blue, dark, intense....		
76. Sevres Blue, F.....		
77. Sky Blue, French.....		
78. Ultramarine Blue, French....		
79. Victoria Blue, French.....		
80. Worcester Blue, for banding, very deep and transparent.		
81. Yale Blue.....		

BROWNS AND OCHRES

90. Auburn Brown, No. 1, F.....
91. Auburn Brown, No. 2.....
92. Border Brown.....
93. Black Brown, French.....
94. Bitumen Brown, French.....
95. Bitumen Brown, English.....
96. Brown, 4 or 17, French.....
97. Brown, 13, Hancock's.....
97A. Brown Pink.....
98. Brunswick Brown, Hancock's..
99. Chestnut Brown, Hancock's..
99A. Chestnut Brown, M.....

Overglaze Colors

BROWNS AND OCHRES

No.		lb.	oz.
100.	Chestnut Brown, German...		
101.	Chocolate Brown, Hancock's		
102.	Chocolate Brown, German...		
103.	Chocolate Brown, W.		
104.	Crest Brown.		
105.	Dark Brown, German.....		
R	Dark Brown, No. 4007.....		
105A.	Dark Brown, F.		
106.	Deep Red Brown, French...		
107.	Evans' Brown for flower painting.		
108.	Finishing Brown, German...		
108A.	Finishing Brown, F.		
109.	French Brown, No. 12 c...		
110.	French Brown, No. 13 c...		
111.	French Brown, No. 61 c...		
112.	French Brown, No. 63/c... Above French Browns are for mixing with Greens, Yellows, &c.		
113.	French Brown, No. 130/c...		
114.	German Brown.		
115.	Golden Brown.		
116.	Hair Brown, No. 1, dark German.		
117.	Hair Brown, No. 2, medium.		
118.	Hair Brown, No. 3, light....		
R	Jug Brown, No. 4411.....		
119.	Indian Brown, No. 1.....		
120.	Indian Brown, No. 2.....		
121.	Italian Brown.		
122.	Kingston Brown.		
123.	Light Brown, very rich....		
124.	Light Coffee, French.....		
125.	Maroon Brown.		
126A.	Meissen Brown, C.		
126.	Meissen Brown, No. 1, Coffee, F.		
127.	Meissen Brown, No. 2, Chestnut.		
127A.	Meissen Brown, F.		
R	Nut Brown, No. 4020.....		
128.	Olive Brown.		
129.	Olive Brown, for Printing...		

BROWNS AND OCHRES

No.		lb.	oz.
130.	Paris Brown, deep, for Figure Painting.		
130A.	Parisian Brown.		
131.	Persian Brown.		
132.	Pompadour Brown, Han- cock's.		
133.	Printing Brown, dark....		
134.	Printing Brown, No. 12, medium.		
135.	Printing Brown, light....		
136.	Purple Brown.		
137.	Red Brown.		
R	Red Brown, No. 4006.		
	R. Rookwood Brown, No. 4087.		
138.	Russet Brown.		
139.	Sepia Brown, French....		
140.	Sepia Brown, German....		
141.	Sepia Brown, Hancock's....		
142.	Sevres Brown, No. 1, dark for Printing.		
143.	Sevres Brown, No. 2, dark for Printing.		
144.	Shammy Brown, for Grounds and Spraying.		
145.	Shammy Brown, No. 2....		
145A.	Shammy Brown, special....		
146.	Shading Brown, F.		
147.	Terra Cotta, for grounding..		
147A.	Terra Cotta, special....		
148.	Trenton Brown, deep for Printing.		
149.	Vandyke Brown, No. 1, Han- cock's.		
150.	Vandyke Brown, special....		
151.	Vandyke Brown, French....		
152.	Walnut Brown.		
153.	Wood Brown.		
154.	Yellow Brown, French....		
155.	Yellow Brown, German....		
155A.	Yellow Brown, special....		
155B.	Yellow Brown, No. 47....		
156.	Yellow Brown, No. 248....		
156A.	Yellow Brown, dark....		
157.	Yellow Ochre, French....		
158.	Yellow Ochre, German....		

Overglaze Colors

CARMINES, PINKS AND ROSE COLORS

No.	lb.	oz.
179. Aero Pink.....		
179A. Aero Pink, special.....		
180. American Beauty Rose.....		
180A. American Beauty Rose, dark.....		
181. Berlin Pink.....		
182. Berlin Rose.....		
183. Brilliant Rose.....		
184. Carmine, No. 1, Hancock's..		
185. Carmine, No. 2, Hancock's..		
186. Carmine, No. 3, Hancock's..		
187. Carmine, No. 8, Hancock's..		
188. Carmine, No. 20, Hancock's..		
189. Carmine, No. 31, Hancock's..		
190. Carmine, No. 1, French....		
191. Carmine, No. 2, French....		
192. Carmine, No. 3, French....		
193. Carmine, German.....		
194. Dresden Rose, very rich....		
195. English Pink, Hancock's..		
196. English Rose, Hancock's..		
197. Jacque Rose, very rich....		
197A. La France Rose.....		
198. Old Rose.....		
199. Pale Carmine, Hancock's..		
200. Peach Blossom, F.....		
200A. Peach Blossom, light.....		
201. Pink for Grounds, Hancock's		
202. Pink, No. 6, strong.....		
203. Pink, No. 25.....		
204. Pink, No. 26.....		
205. Pink, Rose, No. 1.....		
206. Pink for Printing, No. 1....		
207. Pink for Printing, No. 2....		
207A. Pink, standard.....		
208. Rose, German, delicate....		
209. Rose Carmine.....		
209A. Rose, F.....		
210. Rose du Barry, French....		
211. Rose Pompadour, French...		
212. Rose for Grounding.....		
213. Rose Color, No. 1.....		
214. Rose Color, No. 2.....		
215. Rose Color, No. 3.....		
216. Rose Color, No. 7, strong..		
217. Rose Color, No. 9.....		

CARMINES, PINKS AND ROSE COLORS

No.	lb.	oz.
218. Rose Color, No. 10.....		
219. Rose Color, No. 22.....		
220. Rose Color, No. 23.....		
221. Sevres Rose.....		
222. Shell Pink.....		
R Spraying Carmine, No. 4406		
R Spraying Pink, No. 4405....		
223. Yellow Carmine, for Tea Roses.....		
224. Elarco Rose, will stand re- peated firing.....		
225. Utility Rose.....		

FLUXES FOR OVERGLAZE COLORS

(Fluxes will fuse at about 620 degrees
Centigrade.)

241. Extra soft flux.....
242. Flux for Blacks, Blues, Browns, Greens.....
243. Flux for Carmines, Roses and Purples.....
244. Flux, for Reds.....
244A. Flux, ordinary.....
245. Flux, No. 8.....
246. Flux, No. 75, soft.....
247. French Flux.....
248. German Flux.....
249. Special soft flux, for all colors.....
250. Leadless flux.....

GREENS

261. Antique Green.....
262. Apple Green, No. 1, F.....
263. Apple Green, French.....
263A. Apple Green, D.....
264. Autumn Green.....
264A. Banding Green.....
265. Berlin Green, extra deep....
266. Best Blue Green, a delicate Turquoise.....
267. Black Green, German.....
267A. Black Green, A.....
268. Black Green, special.....
268A. Black Green, F.....

Overglaze Colors

GREENS

No.		lb.	oz.
R	Black Green No. 4042.....		
269.	Blue Green, very light.....		
270.	Blue Green, dark, German.....		
271.	Blue Green, light, German.....		
272.	Blue Green, No. 111, light.....		
272A.	Blue Green for Grounds.....		
R	Blue Green, dark, 4054.....		
273.	Bright French Green.....		
274.	Brilliant Night Green, No. 1.....		
275.	Brilliant Night Green, No. 2.....		
276.	Bronze Green, very rich.....		
277.	Bronze Green, No. 2 or 50.....		
278.	Balto Green.....		
279.	Brown Green, No. 6, French.....		
280.	Brown Green, German.....		
281.	Brown Green, No. 24.....		
282.	Brown Green, special, F.....		
283.	Brown Shade Green.....		
284.	Celadon, French.....		
285.	Celadon, No. 1.....		
286.	Celadon, No. 2.....		
287.	Chrome Dover Green.....		
288.	Chrome Green, No. 3, Yellowish.....		
289.	Chrome Green, No. 8, dark.....		
290.	Chrome Green, No. 10, Bluish.....		
291.	Chrome Green, No. 12.....		
292.	Chrome Water Green, French.....		
293.	Chrome Yellow Green, very transparent and reliable.....		
294.	Coalport Green, light.....		
295.	Coalport Green, dark.....		
R	Coalport Green, No. 4039.....		
296.	Dark Green, No. 7, French.....		
296A.	Dark Green, No. 7 C, dark.....		
297.	Dark Green, German.....		
297A.	Dark Green, F.....		
298.	Deep Blue Green, French.....		
299.	Deep Chrome Green, French.....		
300.	Delft Green.....		
301.	Drake Neck Green.....		
301A.	Dresden Green.....		
302.	Duck Green.....		
303.	Electric Green, No. 1, very rich.....		
303A.	Edgewater Green.....		
304.	Electric Green, No. 2.....		
305.	Emerald Green, French.....		
306.	Emerald Green, No. 2.....		
307.	Empire Green.....		
307A.	Empire Green, F.....		
308.	Flemish Green.....		

GREENS

No.		lb.	oz.
R	Foliage Green, No. 4412.....		
308A.	French Green.....		
309.	Florentine Green, No. 12.....		
310.	Gaslight Green.....		
R	Golden Green, No. 4401.....		
311.	Gordon Green, Yellowish.....		
312.	Grape Vine Green.....		
313.	Grass Green, No. 5, French.....		
314.	Grass Green, German.....		
315.	Grass Green, No. 1.....		
316.	Grey Green, F.....		
316A.	Hunters Green.....		
317.	Limoges Green.....		
318.	Lincoln Green.....		
319.	Lobster Green.....		
319A.	Lobster Green, S.....		
320.	Malachite Green.....		
320A.	Meadow Green.....		
321.	Meissen Green, No. 1.....		
322.	Meissen Green, No. 2.....		
323.	Moss Green, J, Yellowish, French.....		
324.	Moss Green, V, French.....		
325.	Moss Green, F.....		
326.	Moss Green, No. 1.....		
327.	Mistletoe Green.....		
328.	Myrtle Green, No. 1M.....		
329.	Myrtle Green, No. 2.....		
330.	Myrtle Green, French.....		
331.	Night Green.....		
332.	Nile Green, superior.....		
333.	Olive Green, French.....		
334.	Olive Green, German.....		
335.	Olive Green, F.....		
336.	Olive Green, No. 1.....		
337.	Olive Green, No. 2.....		
338.	Olive Green, for shading.....		
339.	Oriental Olive, for printing.....		
339A.	Olive Green, for Belleck.....		
339B.	Parrot Green.....		
340.	Peacock Green, No. 1.....		
341.	Peacock Green, rich.....		
342.	Persian Green.....		
343.	Printing Green.....		
344.	Royal Green, F.....		
345.	Russian Green, No. 1, very deep.....		
346.	Russian Green, No. 2.....		
347.	Russian Green, F.....		
348.	Sap Green, dark, Hancock's.....		
349.	Sap Green, light, Hancock's.....		
350.	Sap Green, F.....		
351.	Sea Green, F.....		
352.	Seaweed Green.....		

Overglaze Colors

GREENS

No.		lb.	oz.
353.	Seyres Green, F.		
353A.	Seyres Green, English		
354.	Shading Green, German		
355.	Shading Green, F.		
356.	Shade Olive Green		
357.	Shining Night Green		
358.	Smilax Green		
359.	Soft Blue Green		
360.	Soft Olive Green		
361.	Stone Green		
361A.	Verdigris		
362.	Water Green, best		
363.	Water Green, No. 1		
364.	Water Green, No. 2		
365.	Water Green, No. 3		
366.	Yellow Green, German		
367.	Yellow Green, F.		
368.	Yellow Green, No. 1, Hancock's		
369.	Yellow Green, No. 2		
370.	Yellow Green, pale		
R	Yellow Green, dark, No. 4407		
R	Yellow Green, light, No. 4408		

GREYS

390.	Black Grey		
390A.	Ashes of Roses, greyish		
390B.	Ashes of Roses, reddish		
391.	Blue Grey, No. 1		
392.	Blue Grey, No. 2		
393.	Copenhagen Grey, blackish		
394.	Copenhagen Grey, bluish, light		
395.	Copenhagen Grey, dark		
396.	Copenhagen Grey, greenish		
397.	Copenhagen Grey, greyish		
398.	Copenhagen Grey, light		
399.	Copenhagen Grey, F.		
400.	Copenhagen Grey, regular		
401.	Dove Grey		
402.	French Grey, English		
403.	Grey for Flesh, German		
403A.	Grey for Flowers, German, brownish		
403B.	Grey for Flowers, German, greyish		
404.	Grey for Flesh, F.		
405.	Grey, No. 1, French		
406.	Grey, No. 2, French		
407.	Green Grey		
408.	Gold Grey, F, superior for shading		
409.	Kingston Drab, No. 1		

GREYS

No.		lb.	oz.
410.	Kingston Drab, No. 2, for printing		
411.	Neutral Grey, French		
412.	Neutral Grey, for printing		
413.	Pearl Grey, No. 6, French		
414.	Pearl Grey, F.		
415.	Silver Grey, No. 1, F.		
416.	Silver Grey, No. 2, for printing		
417.	Slate Grey		
418.	Steel Grey, French		
419.	Turtle Dove Grey, French		
420.	Warm Grey, French		
421.	Warm Grey, F.		
422.	White Rose, a delicate greenish grey		
423.	White Shadow		

MAROONS, RUBIES, &c.

R	Aero Maroon, No. 4414		
439.	Crimson, No. 1		
440.	Crimson, No. 4		
441.	English Maroon		
442.	Maroon, No. 1		
443.	Maroon, No. 3		
443A.	Maroon, No. 8		
444.	Maroon, No. 9		
445.	Maroon, No. 9 A		
446.	Maroon, No. 25		
446A.	Maroon, No. 25, Emery's		
447.	Maroon, No. 33		
448.	Maroon, No. 36		
448A.	Maroon, 763		
449.	Ruby, best		
449A.	Elareo Ruby, deep, rich		
450.	Ruby, d'or		
451.	Ruby, special		

PURPLES, VIOLETS, &c.

460.	Blue Violet		
461.	Carmine Purple, French		
461A.	Crimson Purple		
462.	Deep Purple, French		
463.	Deep Purple, German		
464.	Fusible Lilac, French		
465.	Heliotrope, No. 1		
466.	Lilac, French		
467.	Lilac, light		
467A.	Magenta		
468.	Mauve, French		
469.	Pansy Purple, light		
470.	Pansy Purple, medium		
471.	Pansy Purple, dark		

Overglaze Colors

PURPLES, VIOLETS, &c.

No.		lb.	oz.
472.	Printing Purple, No. 1.....		
473.	Printing Purple, No. 2.....		
475.	Purple, No. 2, French.....		
475A.	Purple for Grapes.....		
476.	Roman Purple, F.....		
477.	Rose Purple, German.....		
478.	Royal Purple, F.....		
479.	Ruby Purple, French.....		
480.	Ruby Purple, German.....		
480A.	Shading Purple.....		
481.	Unique.....		
482.	Violet of Gold, deep, French		
483.	Violet of Gold, light, French		
484.	Violet, deep, German.....		
485.	Violet, No. 1, F.....		
486.	Violet, No. 2, F.....		
486A.	Royal Violet, very rich.....		
486B.	Shading Violet.....		
487.	Violet for Grapes.....		
487A.	Violet for Pansies.....		
488.	Violet of Iron, French.....		
489.	Violet of Iron, German.....		
490.	Violet of Iron, No. 1.....		
491.	Violet of Iron, No. 2.....		
492.	Violet of Iron, special.....		
493.	<i>Elarco</i> Grape Color, very intense for black grapes...		

REDS, FLESH COLORS, &c.

501.	Banding Red.....		
502.	Beef Blood.....		
502A.	Bergner Red.....		
503.	Best Red, Hancock's.....		
504.	Blood Red, F.....		
504A.	Blood Red, dark.....		
504B.	Blood Red, special.....		
505.	Bordeaux Red.....		
506.	Brown Red, German.....		
507.	Capucine Red, French.....		
508.	Cardinal Red.....		
509.	Carmelite, French.....		
510.	Carmine, Flesh, F.....		
511.	Carnation, No. 1, French.....		
512.	Carnation, No. 2, French.....		
513.	Carnation, F, superior.....		
514.	Cherry Red.....		
515.	Coral Red, rich, English.....		
516.	Coral Red, French.....		
517.	Coral Red for Grounds.....		
518.	Coral Red, No. 1.....		
519.	Coral Red, No. 2.....		
520.	Coral Red, No. 3.....		
521.	Flame Red.....		
521A.	Flamingo Red.....		

REDS, FLESH COLORS, &c.

No.		lb.	oz.
522.	Flesh or Salmon, No. 1, Pinkish.....		
523.	Flesh or Salmon, No. 2, Yellowish.....		
524.	Flesh or Salmon, No. 45.....		
525.	Flesh Tint.....		
525A.	Flower Red (Blumenroth) R Flower Red, No. 4021.....		
526.	Lobster Red.....		
526A.	Mahogany, No. 1.....		
527.	Orange Red, French.....		
527A.	Orange Peel Red.....		
528.	Persian Red, Hancock's.....		
528A.	Persian Red, No. 207.....		
529.	Pompadour Red, German.....		
530.	Pompadour Red, superior, German.....		
530A.	Pompadour Red, special.....		
531.	Pompadour Red, F.....		
531A.	Poppy Red.....		
	R Poppy Red, No. 4009.....		
532.	Printing Red, superior.....		
533.	Regular Red for printing.....		
534.	Ruby Red.....		
535.	Salmon, French.....		
536.	Soft Flesh.....		
537.	Worcester Scarlet.....		
538.	Yellow Red, German.....		
539.	Yellow Red, F.....		

TURQUOISE—BLUES AND GREENS

550.	Celestial Turquoise, F.....		
550A.	Lakewood Celeste.....		
551.	Litho Turquoise.....		
552.	New Turquoise.....		
553.	Royal Worcester Turquoise.....		
554.	Turquoise for spraying.....		
554A.	Turquoise, bluish, for spraying.....		
555.	Turquoise, No. 13.....		
555A.	Turquoise for glazing.....		
556.	Turquoise Blue, French.....		
557.	Turquoise Blue, German.....		
558.	Turquoise Blue, No. 2.....		
559.	Turquoise Blue, No. 3.....		
560.	Turquoise Blue, soft.....		
560A.	Dresden Turquoise Blue for grounds, very rich.....		
561.	Turquoise Blue, No. 41.....		
561A.	Turquoise Blue, No. 43.....		
562.	Turquoise Green, French.....		
563.	Turquoise Green, German.....		
564.	Turquoise Green, No. 2.....		
565.	Turquoise Green, No. 3.....		
566.	Turquoise Green, soft.....		

Overglaze Colors

YELLOWS, ORANGES, IVORIES, &c.

No.		lb.	oz.
R	Aero Yellow, 4409.....		
580.	Alberts Yellow, No. 1.....		
581.	Alberts Yellow, No. 2.....		
582.	Alberts Yellow, genuine, mixes with all colors.....		
583.	Amber Yellow, deep.....		
584.	Best Yellow, Hancock's.....		
585.	Canary Yellow, German.....		
R	Canary Yellow, No. 4018.....		
586.	Chinese Yellow, French.....		
R	Dark Yellow, No. 4016.....		
588.	Delft Yellow.....		
589.	Enamel Yellow.....		
590.	Egg Yellow, F.....		
591.	Gold Yellow, superior.....		
592.	Gold Bud Yellow, French.....		
593.	Grey Yellow, F.....		
594.	Japanese Yellow.....		
595.	Jonquil Yellow, French.....		
596.	Ivory Yellow, French.....		
597.	Ivory Yellow, German.....		
598.	Ivory Yellow, H.....		
599.	Lemon Yellow, German, F.....		
599A.	Mixing Yellow.....		
599B.	Mixing Yellow, R.....		
600.	Orange Yellow, French.....		
601.	Primrose Yellow.....		
601A.	Pumpkin Yellow.....		
602.	Silver Yellow, French.....		
603.	Straw Yellow.....		
R	Aero Orange, No. 4410.....		
604.	Best Orange, Massey's.....		
605.	Best Orange, No. 2.....		
606.	Dark Orange.....		
607.	Light Orange.....		
608.	Golden Orange.....		
609.	Golden Orange, No. 17.....		
609A.	Princeton Orange.....		
610.	Imperial Ivory, F.....		
611.	Oriental Ivory, F.....		
612.	Old Ivory, Hancock's.....		
613.	Trenton Ivory, F, yellowish.....		
613A.	Trenton Ivory, creamish.....		
613B.	Trenton Ivory, D.....		
614.	Worcester Ivory, No. 2, cream.....		
615.	Worcester Ivory, No. 27, light cream.....		
616.	Ivory for Glazing.....		
616A.	Ivory for Glazing, creamish.....		
616B.	Ivory for Glazing, pinkish.....		

YELLOWS, ORANGES, IVORIES, &c.

No.		lb.	oz.
617.	Ivory for Grounds, yellowish.....		
617A.	Ivory for Grounds, creamish.....		
618.	Buff.....		
619.	Glazed Doulton Tint.....		
620.	Golden Fawn, Hancock's.....		
621.	Maize, French.....		
622.	Satsuma Tint.....		

GLAZES FOR OVER COLORS

(Overglaze painting)

These glazes are perfectly transparent and are used to produce a finished, smooth surface over painting, eliminating brush streaks. Apply very thin. They can also be used for painting and tinting.

No.		lb.	oz.
31B.	Azule Glaze.....		
56.	Lavender "		
744.	Pink "		
745.	Blue Green "		
746.	Yellow Green "		
747.	Grey "		
748.	Red "		
555A.	Turquoise for Glazing.....		
616A.	Ivory Glaze, creamish.....		
616B.	Ivory Glaze, pinkish.....		
616.	Ivory Glaze, regular.....		
749A.	Yellow Glaze.....		
749.	Colorless Glaze.....		

PASTES FOR RAISED GOLD

No.		lb.	oz.
690.	Hancock's Paste for raised Gold.....		
691.	Hancock's softening ma- terial for paste for Gold...		
692.	Paste for Liquid Bright Gold		
693.	Paste to produce mat gold effects with Liquid Bright Gold.....		
693A.	Paste to produce etched ef- fects in connection with Liquid Bright Gold.....		

PROFESSOR LAMM'S DRESDEN

695.	Paste for Gold for dotting..
696.	Paste for Gold for painting..

Overglaze Colors

No.

697. Hancock's
Royal Worcester Paste for
Raised Gold



ACTUAL SIZE

Prepared in Oil Ready for Use

Price per Jar

DIRECTIONS.—Take as much paste from Jar as needed at the time and add sufficient Turpentine to make a thick paste. The special Oil in which the paste is ground extremely fine facilitates the production of the finest, unbroken sharp lines and perfect modeling. No blistering or boiling possible.

WHITE ENAMELS

No.		lb.	oz.
640.	Best English White Enamel		
641.	Hancock's White Enamel, hard		
642.	Hancock's White Enamel, medium		
643.	Hancock's White Enamel, soft		
644.	German White Enamel, Aufsetzweiss		
644A.	Meissen White Enamel		
645.	Matt White Enamel		
646.	Relief White Enamel, soft		
647.	White Enamel, No. 3		
648.	White Enamel for printing		
649.	White Enamel for Liquid Bright Gold		
650.	Pearl White Enamel		
651.	Matt White Enamel		
652.	White Enamel for mixing with colors in place of flux		
652A.	Mixing White		
653.	Wax Pearl Enamel		

A Transparent Colorless Enamel with which Colors may be mixed to imitate precious stones. May be used over color decorations to give same relief effect. Lustres may also be fired over it. Requires hard fire.

Elarco Enamels for Soft Glazes

(For flat enamel as well as high relief decoration)

Specially prepared for Belleek, Satsuma, and English China

No.	lb.	oz.	No.	lb.	oz.
1S. Black			63S. Lavender		
11S. Air Blue, opaque			64S. Blue Violet		
12S. Dark Blue, opaque			65S. Red Violet		
13S. Grey Blue			66S. Royal Violet or Purple, transparent		
14S. Mazarine Blue, transparent			67S. Grape Purple, transparent		
15S. Old Blue, opaque			68S. Ruby, extra deep, transp		
16S. Royal Blue, transparent			69S. Ruby, special		
17S. Turquoise Blue			71S. Doulton Turquoise		
18S. Ultramarine Blue			81S. Antique Red		
19S. Worcester Blue			82S. Carnation Red		
21S. Deep Red Brown			83S. Persian Red		
22S. Hair Brown			84S. Scarlet Red		
23S. Neutral Brown			85S. Vermilion, No. 1		
24S. Olive Brown			86S. Vermilion, No. 2		
25S. Yellow Brown			87S. Cherry Red, No. 1		
26S. Yellow Brown, transparent			88S. Cherry Red, No. 2		
31S. Apple Green			91S. Canary Yellow		
32S. Black Green			92S. Lemon Yellow		
33S. Brown Green			93S. Straw Yellow		
34S. Dark Green, very dark			94S. Gold Orange		
35S. Dark Green, bluish, transp			95S. Orange, transparent		
36S. Dark Green, bluish, dark			96S. Dark Old Ivory		
37S. Empire Green			97S. Oriental Ivory		
38S. Emerald Green			98S. Worcester Ivory		
39S. Grass Green			101S. Best English White Enamel		
40S. Grey Green			102S. German White Enamel, Aufsetzweiss		
41S. Hunter's Green			103S. White Enamel, hard, Hancock's		
42S. Ivy Green			104S. White Enamel, medium, Hancock's		
43S. Moss Green			105S. White Enamel, soft, Hancock's		
44S. Olive Green			106S. White Enamel, semi-transparent, for mixing with all Enamels		
45S. Olive Green, transparent			107S. White Enamel, transparent, for mixing with all Enamels		
46S. Sap or Yellow Green					
47S. Celadon					
51S. Copenhagen Grey, bluish					
52S. Copenhagen Grey, greyish					
53S. Green Grey					
54S. Pearl Grey					
55S. Warm Grey					
59S. Cameo Pink, transparent					
60S. Pink Coral, transparent					
61S. Peach Blossom					
62S. Pink					

(For other White Enamels, see our Catalogue page 19)

Directions page 21.

Elarco Enamels for Hard Glazes

(For flat enamel as well as high relief decoration)

Specially prepared for French and German China, etc.

Can also be used on soft glazed ware

No.	lb.	oz.	No.	lb.	oz.
201H. Black			270H. Pink Coral, transparent		
211H. Air Blue			271H. Pink		
212H. Azure Blue			272H. Rose		
213H. Delft Blue			273H. Old Rose		
214H. Lavender Blue			274H. Lavender		
215H. Royal Blue, transparent			275H. Blue Violet		
216H. Mazarine Blue, transparent			276H. Red Violet		
217H. Turquoise Blue			277H. Grape Purple, transparent		
221H. Finishing Brown			278H. Royal Purple, transparent		
222H. Hair Brown			279H. Ruby, transparent		
223H. Red Brown			281H. Doulton Turquoise		
224H. Yellow Brown			282H. Old Turquoise		
231H. Blue Grey			291H. Canary Yellow		
232H. Copenhagen Grey			292H. Chinese Yellow		
233H. Green Grey			293H. Lemon Yellow		
234H. Gun Metal Grey			294H. Neutral Yellow		
235H. Pearl Grey			295H. Orange, opaque		
236H. Warm Grey			296H. Light Ivory		
241H. Apple Green			297H. Oriental Ivory		
242H. Black Green			298H. Orange, Deep		
243H. Brown Green, opaque			301H. Best English White Enamel		
244H. Bronze Green, transparent			302H. German White Enamel, Aufsetzweiss		
245H. Celadon			303H. White Enamel, hard, Hancock's		
246H. Dark Green			304H. White Enamel, Medium, Hancock's		
247H. Emerald Green			305H. White Enamel, soft, Hancock's		
248H. Grass Green			306H. White Enamel, semi-transparent, for mixing with all Enamels		
249H. Moss Green, dark			307H. White Enamel, transparent, for mixing with all Enamels		
250H. Olive Green					
251H. Persian Green					
252H. Russian Green					
253H. Sap Green					
254H. Shading Green					
255H. Water Green					
261H. Blood Red					
262H. Old Chinese Red					
263H. Old Persian Red					
264H. Scarlet Red					
265H. Yellow Red					
269H. Cameo Pink, transparent					

(For other White Enamels, see our Catalogue, page 19)

DIRECTIONS—The Elarco Enamels are ground ready for use. Mix the Enamels sparingly with Elarco Medium for Enamel, thinning it with Rectified Spirits of Turpentine and float the Enamel on, with point of brush. Enamels marked "Transparent" should not be applied too heavy.

Special care must be taken that the decoration is thoroughly dry before firing. The Elarco Enamels will mix with each other, and innumerable additional tints can thus be obtained.

Overglaze Colors

Matt Opaque or Gouache Colors

For Royal Worcester Decoration and Bronze Effects on China

No.	lb.	oz.	No.	lb.	oz.
760. Black, No. 1.....			780. Copenhagen Grey.....		
761. Black, No. 2.....			781. Steel Grey.....		
762. Dark Blue.....			782. Maroon.....		
762A. Jasper Blue.....			783. Pink.....		
763. Paris Blue, very dark.....			784. Shell Pink.....		
764. Robin's Egg Blue.....			785. Old Rose.....		
764A. Wedgwood Blue.....			785A. American Beauty Rose.....		
765. Celeste Blue.....			786. Scarlet Red.....		
765A. Sevres Blue.....			787. Flesh Red.....		
766. Chestnut Brown.....			788. Pompadour Red.....		
767. Chocolate Brown.....			788A. Poppy Red.....		
768. Paris Brown, very dark.....			789. Salmon Red.....		
769. Yellow Brown.....			790. Terra Cotta.....		
770. Bronze Green.....			790A. Violet.....		
771. Celeste Green.....			791. White, No. 1.....		
772. Celadon Green.....			792. White, No. 2.....		
772A. Dark Green.....			792A. Aurora Yellow.....		
773. Emerald Green.....			793. Dark Yellow.....		
774. Grass Green.....			794. Light Yellow.....		
775. Moss Green.....			795. Golden Yellow.....		
776. Olive Green.....			795A. Golden Orange.....		
776A. Owens Green.....			796. Ivory, Vellum.....		
777. Russian Green, No. 1.....			797. Ivory for Worcester Ground.....		
777A. Shading Green.....			797A. Jersey Cream.....		
778. Water Green.....			798. White Vellum.....		
778A. Wedgwood Green.....			799. Flux for Matt Colors.....		
779. Yellow Green, No. 1.....					

Colors for Photographing on China and Glass

No.	lb.	oz.	No.	lb.	oz.
6. Photographic Tint.....			10. Photographic Tint.....		
7. Photographic Tint.....			11. Photographic Tint.....		
8. Photographic Tint.....			12. Flux for above.....		
9. Photographic Tint.....			13. Underglaze Tint.....		

BODY (KOERPER) FOR PHOTOGRAPHY

No.	lb.	oz.
3096. Black Body (Schwarz Koerper).....		
3097. Dark Brown Body (Dunkel Braun Koerper).....		
3098. Violet Brown Body (Violett Braun Koerper).....		
3099. Violet Body (Violett Koerper).....		
(Violet body is furnished in paste form.)		
3100. Photo Solution for dusting process, No. 1.....		
3101. Photo Solution for dusting process, No. 2.....		
		Per bottle. pint

General Directions on Application

FACSIMILE OF
ORIGINAL SEALFACSIMILE OF
ORIGINAL SEAL

Overglaze Colors
Royal Meissen Colors
from the
Royal Porcelain Manufactory
Meissen, Saxony (Germany)

DIRECT IMPORTERS

Above Colors are packed in 250 grams (9/16 lbs.) and 500 grams (1 1/16 lbs.)
round paper boxes bearing the seal as per facsimile.

No.		lb.	oz.
1.	Lemon Yellow.....	(Zitrongelb).....	
2.	Lemon Yellow Matt.....	(Zitrongelb matt).....	
3.	Canary Yellow.....	(Kanariengelb).....	
4.	Egg Yellow.....	(Eigelb).....	
5.	Wax Yellow.....	(Wachsgebl).....	
6.	Yellow Ochre.....	(Ockergelb).....	
7.	Yellow Ochre, B.....	(Ockergelb, B).....	
8.	Relief Yellow.....	(Blickgelb).....	
9.	Shading Yellow.....	(Schattiergebl).....	
10.	Ivory Yellow.....	(Elfenbeingelb).....	
10B.	Yellow, No. 73, soft.....	(Gelb, No. 73, leichtflüssig).....	
11.	Ivory Yellow Matt.....	(Elfenbeingelb matt).....	
12.	Paste for Raised Gold.....	(Goldunterlage).....	
13.	Yellow Green.....	(Gelbgrün).....	
13B.	Moss Green.....	(Moosgrün).....	
14.	Grass Green.....	(Grassgrün).....	
14B.	Green.....	(Grün).....	
15.	Apple Green.....	(Apfelgrün).....	
16.	Banding Green.....	(Rändergrün).....	
17.	Blue Green.....	(Blaugrün).....	
17B.	Sea Green.....	(Meergrün).....	
17C.	Sap Green.....	(Saftgrün).....	
18.	Blue Green Glaze.....	(Glasurblaugrün).....	
19.	Olive Green.....	(Olivengrün).....	
20.	Olive Green Matt.....	(Olivengrün matt).....	
21.	Dark Green.....	(Dunkelgrün).....	
21B.	Dull Green.....	(Stumpfgrün).....	
22.	Shading Green.....	(Schattiergebl).....	
23.	Shading Green, light.....	(Schattiergebl, hell).....	
24.	Shading Green, hard.....	(Schattiergebl, hart).....	
25.	Turquoise Green.....	(Türkisgrün).....	
26.	Light Green Matt.....	(Hellgrün matt).....	
27.	Air Blue.....	(Luftblau).....	
27B.	Blue, very soft.....	(Flüssblau).....	
28.	Banding Blue.....	(Ränderblau).....	
29.	Light Blue.....	(Hellblau).....	
29B.	Blue for Tracing.....	(Staffierblau).....	

Overglaze Colors

No.		lb.	oz.
30.	Turquoise Blue	(Türkisblau)	
31.	Turquoise Blue, hard	(Türkisblau, hart)	
32.	Turquoise Blue, No. 8	(Türkisblau, No. 8)	
33.	Turquoise Blue, Matt	(Türkisblau matt)	
34.	Dark Blue	(Dunkelblau)	
35.	Blue for Glazing	(Glasurblau)	
36.	Dark Blue, hard	(Dunkelblau, hart)	
37.	Matt Blue	(Mattblau)	
37B.	Ultramarine Blue	(Ultramarinblau)	
38.	Light Violet	(Hellviolett)	
39.	Shading Violet	(Schattierviolett)	
39B.	Purple Violet	(Purpurviolett)	
40.	Rose Purple	(Rosenpurpur)	
40B.	Carmine Purple, light	(Karminpurpur, hell)	
41.	Red Rose	(Rosenrot)	
42.	Matt Rose	(Rosa, matt)	
43.	Yellow Rose	(Gelbrosa)	
44.	Purple for Tracing	(Staffierpurpur)	
44B.	Carmine Purple, dark	(Karminpurpur, dunkel)	
45.	Dark Purple	(Dunkelpurpur)	
45B.	Ruby Purple	(Rubinpurpur)	
46.	Shading Purple	(Schattierpurpur)	
47.	Maroon, A	(Maron, A)	
48.	Maroon, B	(Maron, B)	
49.	Red for Flesh	(Fleisehanlagerot)	
50.	Yellow Red	(Gelbrot)	
51.	Chrome Red	(Chromrot)	
52.	Blood Red	(Blutrot)	
53.	Blood Red, light	(Blutrot, hell)	
54.	Blood Red, hard	(Blutrot, hart)	
55.	Brown Red	(Braunrot)	
56.	Blue Red	(Blaurot)	
57.	Coffee Brown	(Kaffeebraun)	
58.	Leather Brown	(Lederbraun)	
59.	Chestnut Brown	(Kastanienbraun)	
60.	Sepia Brown	(Sepiabraun)	
61.	Shading Brown	(Schattierbraun)	
62.	Shading Brown, hard	(Schattierbraun, hart)	
63.	Yellow Brown	(Gelbbraun)	
63B.	Sienna Brown	(Terra di Siena)	
64.	Light Brown	(Hellbraun, matt)	
65.	Brown Black	(Braunschwarz)	
66.	Blue Black	(Blauschwarz)	
67.	Lettering Black	(Schriftschwarz)	
68.	Shading Black	(Schattierschwarz)	
70.	Matt Black, A	(Mattschwarz, A)	
71.	Matt Black, B	(Mattschwarz, B)	
72.	Blue Grey	(Blaugrau)	
72B.	Chinese Grey	(Chinagrau)	
72C.	Mouse Grey	(Mausegrau)	
73.	Ash Grey	(Asehgrau)	
74.	Relief White	(Blickweiss)	
75.	Flux	(Fluss)	

Overglaze Colors

Sole Agents for

JAMES HANCOCK & SON'S, LTD.
Royal Worcester
Overglaze Powder Colors

Ground Extra Fine

No. 752



In Vials

	Per Vial		Per Vial
Blue, Azure.....	\$.25	Lilac, for grounds, 1, 2 and 3.....	\$.30
Blue, Deep Azure.....	.25	Mauve, for grounds and painting.....	.30
Blue, for old Tile painting.....	.25		
Brown, German.....	.25	Orange, Light.....	.25
Brown, Golden.....	.25	Orange, Dark.....	.25
Brown, Chocolate.....	.25	Orange, Strong, Deep.....	.25
Brown, Brunswick.....	.25	Orange, Opaque.....	.25
Brown, Olive.....	.25		
Brown, Vandyke.....	.25	Pink, for grounds.....	.40
Brown, Chestnut.....	.25		
Brown, Austrian.....	.25	PASTE FOR RELIEF GOLD.....	.30
Brown, Sepia.....	.25		
Buff, Nos. 1 and 2.....	.25	Purple, Royal.....	.90
Black, Soft.....	.30	Purple, Ordinary.....	.60
Black, Grey.....	.30	Ruby D'or.....	1.00
Black, Deep.....	.30	Rose, for painting.....	.30
CARMINE.....	.40	Rose, Strong.....	.50
Fawn.....	.25	Rose, Coral.....	.50
Flesh Shadow.....	.25	Rose, Dubarry.....	.60
Flesh Tint, Nos. 1 and 2.....	.25		
Flux, General.....	.10	Red.....	.25
Green, Celadon.....	.30	Salmon, 1 and 2.....	.30
Green, Emerald.....	.30	Scarlet.....	.25
Green, Blue.....	.25		
Green, Celadon, for grounds.....	.30	Turquoise, Outremer.....	1.00
Green, Sevres.....	.30	Turquoise, Swartzbenburgh.....	1.00
Green, Roseleaf.....	.30		
Green, Gordon.....	.30	Violet.....	.30
Green, Dover 1 and 2.....	.30		
Green, Light Sevres.....	.25	WHITE ENAMEL, Soft.....	.30
Green, Shading.....	.25	White Enamel, Medium.....	.30
Grey, Pearl.....	.25	White Enamel, Hard.....	.30
Ivory.....	.30		
		White Shadow.....	.25
		Yellow, Light.....	.25
		Yellow, Persian.....	.25
		Yellow, Persian hard.....	.25
		Yellow, Opaque.....	.25

Fry's Vitrifiable Colors for China

No. 750



In Vials

Black		Greys		Glazes	
	PER VIAL		PER VIAL		PER VIAL
German Black.....	\$.30	Gold Grey.....	\$.25	Ivory Glaze.....	\$.30
Outlining Ink (liquid) ..	.30	Silver Grey.....	.25	Yellow Glaze.....	.30
White		Royal Copenhagen Grey	.35	Lavender Glaze.....	.30
Chinese White.....	.20	Warm Grey.....	.30	Pink Glaze.....	.35
		Pearl Grey.....	.50	Grey Glaze.....	.35
		Grey for Flesh.....	.90	Turquoise Glaze.....	.30
Blues		Pink and Purples		Yellow Green Glaze.....	.35
Aztec Blue.....	.60	Roman Purple.....	.90	Blue Green Glaze.....	.40
Sevres Blue.....	.30	(1/2 Vial 45c.)		Azure Glaze.....	.35
Banding Blue.....	.25	Ruby (1/2 Vial 75c.).....	1.50	Colors for Miniature and Figure Painting	
Copenhagen Blue.....	.30	Rose.....	.35	Flesh No. 1 (blond).....	.25
Air Blue.....	.45	Peach Blossom.....	.30	Flesh No. 2 (brunette) .....	.25
Baby Blue.....	.30	Palma-Rosa Salmon.....	.35	Pompadour No. 1.....	.30
Celestial Turquoise.....	.25	American Beauty.....	.60	Pompadour No. 2.....	.30
Sky Blue.....	.20	Reds		Reflected Light.....	.25
Browns		Violets		Cool Shadow.....	.45
Yellow Brown.....	.30	Reds		Tender Shadow.....	.35
Finishing Brown.....	.30	Yellow Red.....	.30	Warm Shadow.....	.40
Dark Brown.....	.25	Pompadour.....	.30	Finishing Brown No. 1.....	.30
Shading Brown.....	.30	Violet of Iron.....	.25	Finishing Brown No. 2.....	.30
Auburn Brown.....	.25	Blood Red.....	.30	Paste, Enamels, etc.	
Meissen Brown.....	.30	Carnation.....	.30	Fry's White Enamel.....	.35
Greens		Violets		English Enamel.....	.30
Moss Green.....	.30	Royal Purple.....	.50	Dresden Relief White.....	.35
Olive Green.....	.25	Violet No. 1.....	.40	Pink Enamel.....	.35
Royal Green.....	.25	Violet No. 2.....	.45	Coral Enamel.....	.30
Russian Green.....	.30	Royal Violet.....	.80	Turquoise Enamel.....	.30
Persian Green.....	.25	(1/2 Vial 40c.)		Cobalt Enamel.....	.30
Yellow Green.....	.25	Yellows		Dresden Flux.....	.35
Sevres Green.....	.25	Egg Yellow.....	.30	Hanecock's Paste for Raised Gold.....	.35
Sap Green.....	.25	Albert Yellow.....	.30	Hanecock's Hard Enamel.....	.35
Apple Green.....	.30	Lemon Yellow.....	.30	Hanecock's Soft Enamel.....	.35
Grey Green.....	.25	Primrose Yellow.....	.25		
Sea Green.....	.30	Trenton Ivory.....	.20		
Deep Blue Green.....	.25	Oriental Ivory.....	.25		
Empire Green.....	.30	Imperial Ivory.....	.25		
Shading Green.....	.30	Grey Yellow.....	.25		
Dark Green.....	.40	Mixing Yellow.....	.25		
Brown Green.....	.30	Orange.....	.30		
New Green.....	.30	Deep Orange.....	.30		
Black Green.....	.25				

Fry's Enamels for Soft and Hard Glazes

For Hard Glazes

NO.	PER VIAL	NO.	PER VIAL	NO.	PER VIAL
1. Black.....	\$0.40	16. Apple Green.....	\$.50	31. Pink.....	\$.45
2. Delft Blue.....	.45	17. Celadon.....	.45	32. Ruby (1/2 Vial 40c.)	.80
3. Lavender Blue.....	.40	18. Dark Green.....	.50	33. Royal Purple (1/2 Vial 40c.)	.75
4. Royal Blue.....	.50	19. Grass Green.....	.45	34. Blue Violet (1/2 Vial 40c.)	.80
5. Dark Blue.....	.50	20. Moss Green.....	.40	35. Red Violet.....	.55
6. Turquoise Blue.....	.50	21. Russian Green.....	.40	36. Canary Yellow.....	.40
7. Cobalt Blue.....	.40	22. Sap Green.....	.40	37. Lemon Yellow.....	.40
8. Finishing Brown.....	.40	23. Water Green.....	.35	38. Neutral Yellow.....	.40
9. Hair Brown.....	.40	24. Blood Red.....	.40	39. Orange.....	.40
10. Yellow Brown.....	.50	25. Old Chinese Red.....	.45	40. Light Ivory.....	.40
11. Blue Grey.....	.40	26. Oriental Red.....	.45	41. White for Mixing.....	.40
12. Copenhagen Grey.....	.45	27. Yellow Red.....	.40		
13. Green Grey.....	.35	28. Coral Red.....	.40		
14. Metallic Grey.....	.40	29. Scarlet Red.....	.50		
15. Pearl Grey.....	.45	30. Rose.....	.50		

For Soft Glazes

NO.	PER VIAL	NO.	PER VIAL	NO.	PER VIAL
42. Black.....	.40	57. Grey Green.....	.35	69. Red Violet (1/2 Vial 30e.)	.60
43. Air Blue.....	.45	58. Hunters Green.....	.40	70. Antique Red.....	.40
44. Grey Blue.....	.45	59. Moss Green.....	.40	71. Carnation Red.....	.40
45. Old Blue.....	.55	60. Sap Green.....	.40	72. Oriental Red.....	.45
46. Royal Blue.....	.40	61. Copenhagen Grey.....	.35	73. Coral Red.....	.30
47. Cobalt Blue.....	.40	62. Green Grey.....	.35	74. Scarlet Red (1/2 Vial 35e.)	.65
48. Turquoise Blue.....	.40	63. Pearl Grey.....	.40	75. Canary Yellow.....	.45
49. Doulton Turquoise.....	.45	64. Rose.....	.40	76. Lemon Yellow.....	.45
50. Deep Red Brown.....	.40	65. Pink.....	.45	77. Orange Yellow.....	.45
51. Hair Brown.....	.40	66. Ruby (1/2 Vial 45c.)	.90	78. Old Ivory.....	.45
52. Olive Brown.....	.45	67. Royal Purple (1/2 Vial 45c.)	.90	79. Light Ivory.....	.45
53. Yellow Brown.....	.40	68. Blue Violet (1/2 Vial 40c.)	.80	80. White for Mixing.....	.50
54. Apple Green.....	.45				
55. Dark Green.....	.55				
56. Grass Green.....	.35				

Matt or Gouache Colors

PER VIAL	PER VIAL	PER VIAL			
Ivory Velvum.....	.30	Bronze Green.....	.40	Indian Red.....	.25
Old Ivory.....	.30	Olive Green.....	.40	Pompadour.....	.30
Light Yellow.....	.30	Light Turquoise Blue.....	.40	Yellow Brown.....	.25
Golden Yellow.....	.40	Dark Turquoise Blue.....	.40	Golden Brown.....	.30
Orange Yellow.....	.25	Deep Blue.....	.30	Bronze Brown.....	.30
Pale Green.....	.30	Purple (1/2 Vial 40c.)	.80	Soft Grey.....	.25
Yellow Green.....	.30	Lavender.....	.45	Black.....	.35
Empire Green.....	.35	Rose.....	.35	White.....	.25
Meadow Green.....	.30	Cardinal Red.....	.40		

Oils and Mediums

Fry's Medium.....	1 oz.	Clove Oil (1/2 bottle 50c.)	1 oz.	Dresden Thick Oil.....	1/2 oz.
Fry's Special Tinting Oil.....	1 "	Tar Oil.....	1 "	.35	
Fry's Enamel Medium.....	1 "	Balsam Copaiba	1 "	Liquid Bright Gold.....	.80
Fry's Oil for Raised Paste.....	1 "	Lavender Oil (1/2 bottle 35c.)	1 "	Liquid Bright Gold.....	2.00
English Grounding Oil.....	1 "	Fat Oil of Turpentine.....	1 "	Liquid Bright Silver.....	
		Dresden Thick Oil 1 "		Gold Essenee for thinning.....	.30
		Fat Oil of Turpentine.....	1/2 "		

Fry's Liquid Lustres

	PER VIAL		PER VIAL		HALF VIALS
Grey.....	\$.40	Covering for Gold Lustre (to produce Deep			Gold Lustre.....\$.40
Pearl Grey.....	.35	Violet).....\$.35			Steel Blue..... .75
Blue Grey.....	.45	Gold Lustre..... .80			Brown..... .50
Yellow.....	.40	Dark Blue..... .80			Copper..... .90
Rich Irid Yellow.....	.35	Steel Blue..... 1.50			Iridescent Rose..... .65
Orange.....	.35	Light Blue..... .40			Purple..... .50
Shammy.....	.40	Copper..... 1.70			Violet..... .40
Brown.....	1.00	Iridescent Rose..... 1.25			Dark Blue..... .40
Yellow Brown.....	.40	Purple..... 1.00			Ruby..... 1.25
Rose.....	.75	Violet..... .80			Black..... .85
Light Green.....	.40	Ruby..... 2.50			Silver..... 2.00
Dark Green.....	.70	Black..... 1.70			Rose..... .40
Blue Green.....	.80	Silver..... 4.00			Blue Green..... .40
Olive Green.....	.40	Chatoyant..... 1.60			Chatoyant..... .80
Blue.....	.45	Turquoise..... .40			
Mother of Pearl.....	.40	Lavender..... .60			
Opal.....	.45				
White.....	.35				

Fry's Beginners' China Painting Outfits

Outfit

“A”—Polished Wood Box, $3\frac{3}{4}$ x $8\frac{1}{2}$ x $1\frac{3}{8}$ inches, containing 12 vials Fry's China Colors, 1 bottle Fry's Medium, 1 Palette Knife, 3 Camel Hair Painting Brushes, and 1 Red Sable Liner, each complete.....	\$5.00
“B”—Polished Wood Box, $3\frac{3}{4}$ x $10\frac{1}{2}$ x $1\frac{3}{8}$ inches, containing 15 vials Fry's China Colors (including Ruby), 1 bottle Fry's Medium, 1 Palette Knife, 5 Camel Hair Painting Brushes, and 1 Red Sable Liner, each complete.....	\$6.25
“C”—Fry's Eclipse Palette, containing 15 vials Fry's China Colors (including Ruby), 1 bottle Fry's Medium, 1 Palette Knife, 5 Camel Hair Painting Brushes, and 1 Red Sable Liner, each complete.....	\$7.75
“D”—Wooden Outfit Box with Handy Palette, $8\frac{3}{4}$ x $10\frac{3}{4}$ x $2\frac{3}{4}$ inches, containing 26 vials Fry's China Colors, 2 boxes Fry's Gold, 3 bottles Fry's Mediums, 1 Handy Palette, 1 Palette Knife, 5 Camel Hair Painting Brushes, and 1 Red Sable Liner, each complete.....	\$15.00
Wooden Outfit Box (with Handy Palette) empty, each.....	\$3.50

Campana's Colors for China Painting

Yellow and Ivories

	PER VIAL
Trenton Ivory	\$0.13
Imperial Ivory . . . . .	.13
Ivory Yellow . . . . .	.13
Neutral Yellow . . . . .	.13
Primrose Yellow . . . . .	.13
Deep Yellow Orange . . . . .	.13
Egg Yellow . . . . .	.13
Lemon Yellow (rich) . . . . .	.15
Albert Yellow . . . . .	.15

Rose and Pinks

	PER VIAL
Sweet Pea, pink . . . . .	.16
Rose Color, best . . . . .	.20
Rose Salmon . . . . .	.17
Peach Blossom . . . . .	.25
American Beauty . . . . .	.30

Greens

	PER VIAL
Water Green (light) . . . . .	.13
Olive Green . . . . .	.13
Brown Green . . . . .	.13
Shading Green . . . . .	.15
Peacock Green . . . . .	.13
Persian Green . . . . .	.13
Gray Green . . . . .	.13
Sultan Green (rich) . . . . .	.13
Russian Green . . . . .	.13
Empire Green . . . . .	.13
Myrtle Green . . . . .	.13
Moss Green . . . . .	.13
Royal Green . . . . .	.13
Apple Green . . . . .	.13
New Green . . . . .	.13
Deep Blue Green . . . . .	.15
Yellow Green . . . . .	.15
Shading Green . . . . .	.15
Darkest Green . . . . .	.15

Browns

	PER VIAL
Yellow Brown	\$0.15
Chestnut Brown . . . . .	.13
Meissen Brown . . . . .	.13
Deep Red Brown . . . . .	.13
Finishing Brown (No. 2) . . . . .	.13
Coffee Brown . . . . .	.13
Finishing Brown . . . . .	.20
Auburn Brown . . . . .	.15
Hair Brown . . . . .	.15

Reds

	PER VIAL
Blood Red (No. 2) . . . . .	.13
Yellow Red (No. 2) . . . . .	.13
Pompadour Red (dark) . . . . .	.20
Carnation . . . . .	.13
Pompadour Red (light) . . . . .	.13
Poppy Red . . . . .	.20
Yellow Red . . . . .	.20
Blood Red . . . . .	.20

Blues

	PER VIAL
Seyres Blue . . . . .	.13
Turquoise Blue . . . . .	.13
Baby Blue . . . . .	.13
Copenhagen Blue . . . . .	.13
Black Blue . . . . .	.13
Air Blue . . . . .	.30
Royal Blue . . . . .	.30
Aztec Blue . . . . .	.30
Banding Blue . . . . .	.15

Flesh Tints

	PER VIAL
Flesh, soft tint . . . . .	.20
Flesh, shadow . . . . .	.20
Flesh, dark shadow . . . . .	.20
Flesh, gray . . . . .	.20
Flesh, transparency . . . . .	.20
Hair Black . . . . .	.25

Campana's Lustre Colors

	PER BOT.	1/2 BOT.
Opal	\$0.18	\$0.10
Orange . . . . .	.18	.10
Warm Gray . . . . .	.18	.10
Yellow . . . . .	.18	.10
Light Green . . . . .	.18	.10
White . . . . .	.18	.10
Shammy Brown . . . . .	.18	.10
Yellow Brown . . . . .	.18	.10
Mother of Pearl . . . . .	.24	.15
Yellow Pearl . . . . .	.28	.17
Green Pearl . . . . .	.28	.17
Pigeon Gray Pearl . . . . .	.28	.17
Lilac . . . . .	.28	.17

	PER BOT.	1/2 BOT.
Gray Green	\$0.18	\$0.10
Black Blue . . . . .	.50	.30
Bright Ruby . . . . .	.75	.40
Brilliant Green . . . . .	.28	.17
Olive Green . . . . .	.28	.17
Blue Gray . . . . .	.28	.17
Dark Green . . . . .	.35	.20
Transpt. Green . . . . .	.45	.30
Turquoise Blue . . . . .	.28	.17
Blue Green . . . . .	.45	.30
Black	1.50	.75
Rose . . . . .	.55	.30
Dark Blue . . . . .	.55	.30

Grays

	PER VIAL
Satsuma Tint	\$0.13
Warm Gray . . . . .	.13
Gray for Flowers . . . . .	.13
Royal Copenhagen Gray . . . . .	.15
Flesh Gray . . . . .	.20
Pearl Gray . . . . .	.15
Ashes of Roses . . . . .	.25

Blacks

	PER VIAL
Best Black . . . . .	.13
Outlining Black . . . . .	.13
Purple Black . . . . .	.20
Hair Black . . . . .	.25
Intense Black . . . . .	.25

Violets

	PER VIAL
Violet Color, No. 2 . . . . .	.15
Violet Color . . . . .	.22
Violet of Iron, No. 2 . . . . .	.13
Violet of Iron . . . . .	.20
Deep Violet of Gold . . . . .	.35
Light Violet of Gold . . . . .	.30

Glazes and Fluxes

	PER VIAL
Flux, soft or hard . . . . .	.13
Ivory Glaze, for dusting . . . . .	.13
Green Glaze, for dusting . . . . .	.13
Pink Glaze, for dusting . . . . .	.13
Blue Glaze, for dusting . . . . .	.13
Lavender Glaze . . . . .	.15

Purples and Rubies

	PER VIAL
Royal Purple . . . . .	.32
Crimson Purple . . . . .	.50
Ruby Purple, brilliant . . . . .	.50
Ruby Purple, No. 2 . . . . .	.45

	PER BOTLE
Medium for Mixing Colors	\$0.18
Diluting Medium . . . . .	.25

M. M. Mason's Colors

Yellows	per vial	Greens	per vial	per vial	
Ivory.....	\$.25	Apple Green.....	\$.20	Banding Blue.....	\$.25
Trenton Ivory.....	.20	Celadon.....	.25	Royal Blue.....	.75
Lemon Yellow.....	.25	Grey Green.....	.20		
Albert Yellow.....	.25	Sevres Green.....	.25	Greys	
Egg Yellow.....	.25	Moss Green.....	.20	Copenhagen Grey.....	.30
Neutral Yellow.....	.25	Yellow Green.....	.25	French Grey.....	.45
Browns		Olive Green.....	.25	Pearl Grey.....	.25
Yellow Brown.....	.20	Brown Green.....	.20	Warm Grey.....	.25
Dark Yellow Brown.....	.20	Shading Green.....	.25	Slate Grey.....	.25
Vandyke Brown.....	.20	Myrtle Green.....	.20		
Paris Brown.....	.25	Royal Green.....	.20	Pinks, Purples and	
Hair Brown.....	.25	Empire Green.....	.25	Violets	
Finishing Brown.....	.25	Grounding Green.....	.20	Peach Blossom.....	.20
Reds		Dark Green.....	.20	Rose.....	.25
Yellow Red.....	.25	Black Green.....	.20	Rose for grounds.....	.25
Carnation.....	.20	Russian Green.....	.25	Haneock's Carmine.....	.25
Pompadour.....	.20	Blue Green.....	.40	Ruby.....	.80
Blood Red.....	.25	Dark Blue Green.....	.30	Best English Maroon.....	.75
Brown Pink.....	.25	Chinese Green.....	.25	Violet.....	.40
Salmon.....	.20	Blues			
		Copenhagen Blue.....	.25	Blacks	
		Turquoise Blue.....	.40	Black (best for painting and outlining).....	.20
		Persian Blue.....	.30	Hard Black.....	.25

Matt Colors for Ground-Laying

PER VIAL	PER VIAL	PER VIAL
Matt Old Ivory.....\$0.25	Matt Deep Red.....\$0.25	Matt Bleachey Blue...\$0.25
Matt Bronze Green....25	Matt Wedgewood Blue .30	

Colored Relief Enamels

Relief Enamels—Soft

PER VIAL.	PER VIAL.	PER VIAL.
Air Blue.....\$0.40	Vermilion.....\$0.55	Orange.....\$0.55
Austrian Blue.....75	Emerald Green.....55	Soft Yellow.....40
Canton Blue.....75	Florentine Green.....55	Oehre.....40
Celeste.....40	Grass Green.....55	Stem Brown.....40
Dark Blue.....75	Leaf Green.....55	Chinese Rose.....75
Lavender Blue.....55	May Green (Very transparent).....55	Light Carmine.....75
Nankin Blue (Very transparent).....55	Sage Green.....40	Lilac.....75
Old Blue.....55	Shadow Green.....55	Manganese.....55
Oriental Turquoise.....75	Willow Green.....55	Red Violet.....75
Sky Blue.....55	Citron Yellow.....40	Black.....55
Indian Red.....55	Grey Yellow.....40	Best White Enamel.....35
Madder Red.....90	Imperial Yellow.....40	Extra Soft White Enamel.....35

Relief Enamels—Hard

Brilliant Blue—Hard...	\$0.55	Dark Green—Hard...	\$0.40	Golden Yellow—Hard...	\$0.40
Canton Blue—Hard...	.75	Light Green—Hard...	.40	Light Yellow—Hard...	.40
Delft Blue—Hard...	.75	Sea Green—Hard...	.55	Medium Yellow—Hard...	.40
Grey Blue—Hard...	.40	Silver Green—Hard...	.40	Black—Hard...	.40
Nankin Blue (Very transparent).....	.55	Crimson—Hard...	.90	Hard White Enamel—Hard...	.35
Rich Turquoise—Hard...	.70	Rose—Hard...	.40	Extra Hard White Enamel.....	.35
Deep Brown—Hard...	.35	Blue Violet—Hard...	.55		
		Mauve—Hard...	.40		

Mueller & Hennig's Royal Dresden China Colors

Moist In Tubes



BLACKS

No.		Per Tube
753/31.	Brunswick Black	\$.60
" 32.	Outlining Black	.35

BLUES

753/16.	Banding Blue	.30
" 14.	Carmine Blue	.65
" 13.	Dark Blue	.50
" 56.	Delft Blue	.30
" 12.	Air Blue	.50
" 26.	Light Blue	.30
" 15.	Turquoise Blue	.50

BROWNS

753/43.	Chestnut Brown	.35
" 36.	Chocolate Brown	.45
" 30.	Dark Brown	.30
" 27.	Finishing Brown	.30
" 28.	Sepia Brown	.30
" 29.	Yellow Brown	.30

GREENS

753/42.	Black Green	.35
" 8.	Blue Green, dark	.35
" 7.	Blue Green, light	.55
" 52.	Brown Green	.30
" 9.	Dark Green	.35
" 25.	Grass Green	.45
" 11.	Olive Green	.35
" 10.	Shading Green	.40
" 39.	Turquoise Green	.40
" 6.	Yellow Green	.35

GREYS

753/33.	Grey for Flowers	.30
" 37.	Grey for Flesh	.30

REDS

No.		Per Tube
753/24.	Brown Red	\$.35
" 34.	Flesh Red	.30
" 23.	Pompadour Red	.30
" 44.	Superior Pompadour Red	.35
" 22.	Yellow Red	.35

PINKS, PURPLES AND MAROON

753/53.	Carmine	.70
" 18.	Carmine Purple	.85
" 19.	Deep Purple	.85
" 17.	Rose Purple	.70
" 38.	Rose	.65
" 21.	Blue Violet	.60
" 20.	Deep Violet	1.00
" 55.	Violet of Iron	.30
" 54.	Ruby Purple	.90
" 57.	Maroon	.60

WHITE

753/ 1.	Relief White	.60
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YELOWS

753/41.	Albert's Yellow	.30
" 4.	Canary Yellow	.35
" 2.	Egg Yellow	.35
" 35.	Ivory Yellow	.30
" 3.	Lemon Yellow	.35
" 5.	Relief Yellow	.30
" 45.	Yellow Ochre	.30

FLUX

753/40.	Flux	.30
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Lacroix's China Colors in Tubes

No.	Blacks	PER TUBE		PER TUBE		PER TUBE		
1.	Raven Black.....	\$0.46	43.	Duck Green.....	\$0.60	82.	Reddish Brown...	\$0.46
2.	Ivory Black.....	.46	44.	Moss Green V.....	.46	83.	Shammy Brown...	.46
	Blues		45.	Moss Green J., Yellowish.....	.46	84.	Carmelite.....	.46
106.	Two Fire Blue....	.46	46.	Night Green.....	.60	85.	Celadon.....	.46
3.	Dark Blue.....	.46	47.	Olive Green.....	.46	86.	Light Coffee.....	.46
4.	Common Blue....	.46		Greys		87.	Chrome Water- Green.....	.46
5.	Deep Blue.....	.46	48.	Grey No. 1, light..	.46	88.	Copper Water- Green.....	.46
6.	Deep Ultramarine	.60	49.	Grey No. 2.....	.46	89.	Grounding Green.	.46
7.	Light Sky Blue...	.46	50.	Pearl Grey No. 6..	.46	90.	Steel Grey.....	.46
8.	Sky Blue.....	.46	51.	Neutral Grey.....	.46	91.	Turtle-dove Grey.	.46
9.	Victoria Blue....	.46	52.	Warm Grey.....	.46	92.	Isabella.....	.46
10.	Old Blue.....	.46		Ochres		93.	Fusible Lilac.....	.60
10c.	Delft Blue.....	.46	53.	Dark Ochre.....	.46	94.	Maize.....	.46
107.	Blue No. 29.....	.46	54.	Yellow Ochre.....	.46	95.	Mauve.....	.70
110.	Cornflower Blue..	.46		Purples		96.	Coral Red.....	.46
111.	Old Rouen Blue...	.46	55.	Purple No. 2.....	.80	97.	Rose Pompadour.	.70
	Browns		56.	Crimson Lake....	.70	98.	Salmon.....	.46
11.	Black Brown.....	.46	57.	Crimson Purple...	1.00	99.	Turquoise Blue...	.60
12.	Chestnut Brown..	.46	58.	Deep Purple.....	1.00	100.	Turquoise Green..	.60
13.	Otter Brown.....	.46	59.	Ruby Purple.....	1.25	101.	Chinese Yellow...	.46
14.	Van Dyke Brown.	.46		Reds		102.	Gold Bud.....	.46
103.	Gilliflower Brown.	.46	60.	Capucine Red.....	.46	105.	Very Fusible Rose	.60
15.	Brown No. 3.....	.46	61.	Laky Red.....	.46		Lacroix's New Colors	
16.	Brown No. 4 or 17	.46	62.	Orange Red.....	.46	112.	Coalport Green, light	.46
17.	Brown M or 108..	.46	63.	Bright Red.....	.46	113.	Coalport Green, dark	.46
18.	Dark Brown.....	.46	104.	Bengal Rose.....	.60	114.	Albert's Yellow...	.70
19.	Deep Red Brown..	.46	64.	Japan Rose.....	.70	115.	Egg Yellow.....	.60
20.	Light Brown.....	.46	108.	Chinese Rose.....	.60	116.	Brunswick Black..	.80
21.	Sepia.....	.46		Relief		117.	Air Blue.....	.46
22.	Yellow Brown....	.46	65.	Relief, for Gold...	.46	118.	Grey for Flesh....	.46
	Carmines			Violets		119.	Flame Red.....	.46
23.	Light Carmine A..	.60	66.	Deep Violet of Gold.....	.80	120.	Shading Green...	.60
24.	Light Carmine 1..	.60	67.	Light Violet of Gold.....	.70	121.	Royal Copenhagen Grey.....	.60
25.	Carmine No. 2....	.70	68.	Violet of Iron.....	.46	121½.	Royal Copenhagen Grey-Warm.....	.60
26.	Deep Carmine 3..	.70	69.	Grey Violet of Iron	.46	122.	Canary Yellow...	.46
	Carnations			Whites		123.	Blue Green, light.	.70
27.	Carnation No. 1..	.46	70.	Chinese White....	.46	124.	Blue Green, dark.	.70
28.	Carnation No. 2..	.46	71.	Permanent White.	.46	125.	Rose.....	.70
29.	Carnation Deep...	.46		Yellows		126.	Grey for Flowers..	.46
	Flux		72.	Ivory Yellow.....	.46	127.	Pompadour Red No.	
30.	Flux.....	.46	73.	Jonquil Yellow...	.46	23.....	.46	
	Greens		74.	Yellow for mixing..	.46	128.	Outhining Black...	.46
31.	Grass Green No. 5	.46	75.	Orange Yellow....	.46	129.	Sevres Blue.....	.60
32.	Brown Green No. 6	.46	76.	Permanent Yellow	.46	130.	Superior English Pink	.46
33.	Dark Green No. 7	.46	77.	Silver Yellow.....	.46			
34.	Green No. 36T....	.46		Grounding Colors		131.	Maroon.....	1.25
35.	Apple Green.....	.46	78.	Celestial Blue....	.46	132.	Pansy.....	.80
36.	Deep Blue Green..	.60	79.	Indian Blue.....	.60	133.	Peach Blossom...	.70
37.	Chrome Green 3B.	.46	80.	Lavender Blue....	.46	134.	Rose Leaf Green..	.46
38.	Deep Chro. Green	.46	81.	Marine Blue.....	.60	135.	Old Holland Blue..	.46
39.	Deep Green.....	.46				136.	Dubarry Pink....	.60
40.	Emerald Stone Gr.	.46				137.	Best Orange.....	.46
41.	Sap Green.....	.46				138.	Gold Grey.....	.70
42.	Bronze Green....	.60				109.	Relief White....	.46

Liquid Lustre Colors

For China and Earthenware

No.	lb. oz. bot.	No.	lb. oz. bot.
810A. Aluminum.....		831. Smoke Grey.....	
810. Black (Gun Metal Effect).....		832. Platinum.....	
811. Dark Blue.....		832A. Heliotrope.....	
811A. Baby Blue.....		833. Purple.....	
811B. Robins Egg Blue.....		833A. Red.....	
812. ELARCO Blue, very rich.....		834. Rose or Pink, No. 1 ..	
812A. Light Blue.....		834A. Special Rose.....	
812B. Light Blue, No. 2.....		835. Rose or Pink, No. 2 ..	
813. Steel Blue.....		835A. Elareo Carmine.....	
813A. Turquoise Blue, No. 1.		836. Ruby, No. 1, extra deep.....	
813B. Turquoise Blue, No. 2.		837. Ruby, No. 2.....	
814. Brown.....		838. Ruby, No. 3.....	
815. Orange Brown, very rich.....		839. Ruby, No. 4.....	
816. Shammy Brown.....		839A. Elareo Maroon.....	
817. Yellow Brown.....		840. Silver.....	
818. Copper Bronze.....		840A. Silver, No. 2.....	
818A. Elarco Copper.....		840B. Violet.....	
819. Gold Lustre, No. 1 ..		841. White, No. 1.....	
820. Gold Lustre, No. 2 ..		842. White, No. 2.....	
820A. Apple Green.....		843. Yellow.....	
821. Blue Green.....		843A. Amber.....	
821A. Elarco Green.....		844. Deep Yellow.....	
821B. Celadon.....		845. Orange Yellow, extra ..	
822. Dark Green.....		845A. Deep Orange.....	
822A. Light Green.....		845B. Orange, No. 1701 ..	
822B. Emerald Green.....		846. Ivory.....	
823. Moss Green.....		847. Old Ivory.....	
824. Royal Green, very rich.....		848. Iridescent Lustre.....	
825. Special Green.....		848A. Mother of Pearl.....	
826. Venetian Green, Iridescent Yellow Green.....		848B. Opal.....	
829. Yellow Green.....		849. Iridescent Rose ..	
830. Light Grey.....		849A. Iridescent Yellow Green.....	
830A. Pearl Grey.....		850. Iridescent Yellow ..	
		850A. Flux for Lustres ..	
		851. ESSENCE for THINNING LUSTRES ..	

Lustres especially prepared for Glass, page 44

Underglaze Colors

For Painting, Printing, and Spraying

To be Fired at Cone 02 (1110° C or 2030° F)

Sole Agents for Hancock's Mazarine Blues, and Blacks

No.	lb.	oz.	No.	lb.	oz.
860. Best Black, Hancock's,			877. Flowing Green, No. 2, for printing		
860A. Black, No. 38, Hancock's			877A. Flowing Green, special		
860B. Black, No. 9021			877B. Grass Green, No. 9007		
860C. Chrome Black, Hancock's			878. Grass Green, No. 1, for printing		
861. Canton Blue, Hancock's			878A. Peacock Green, 203 M		
861A. China Blue, No. 9003			878B. Light Green, No. 9006		
862. Cobalt Blue, No. 1, strong			879. Sage Green, Hancock's		
862A. Cobalt Blue, for spraying			879A. Sevres Green		
863. Delft Blue			880. Victoria Green		
863A. Light Blue, No. 9004			881. Dove Grey		
864. Matt Blue, No. 1			882. Neutral Grey		
865. Matt Blue, No. 2			883. Heliotrope		
866. Hancock's M A Z A R I N E B L U E, Best Quality, in 1-lb. sealed packages			883A. Lilac, No. 9023		
867. Hancock's Mazarine Blue, No. 1, in 1 lb. sealed packages			883B. Lilac, No. 9012		
867A. Chestnut Brown			884. Mauve		
867B. Turquoise Blue, No. 9005			885. Mulberry		
867C. Black Brown, No. 9014			885A. Crimson		
868. Chocolate Brown			885B. Dragon Red		
868A. Chocolate Brown, No. 9017			886. Pink, No. 1		
869. Claret Brown			886A. Pink Dubarry, for American Glazes		
870. Dark Brown			886B. Pink Oxide No. 9010		
871. Light Brown			887. Purple		
871A. Light Brown, No. 9016			888. Violet		
872. Vandyke Brown, for print			888A. Violet No. 9022		
872A. Walnut Brown, No. 9015			889. Japanese Red		
873. Venetian Brown, for print			890. Scarlet Red		
873A. Walnut Brown			891. Red T (LaCroix's Rouge T)		
873B. Electric Green, very rich			892. White for Mixing		
873C. Banding Green, No. 9008			892A. Dark Yellow, No. 9018		
873D. Dark Green, No. 9009			892B. Dark Yellow, No. 9020		
874. French Green, for printing			892C. Light Yellow, No. 9019		
874A. French Green, No. 2			893. Regular Yellow		
875. Florentine Green, for print			893A. Special Yellow		
876. Flowing Green, No. 1, for printing			894. Silver Yellow		
			894A. Orange, strong		
			895. Flowing Powder		

No. 900 COBALT BLUE 2205

For printing, banding and spraying on the biscuit. Requires no hardening on. Can be applied, glazed and fused in one fire, in glaze kiln. Does not flow and remains where put.

Majolica Colors**Or Prepared Colored Glazes**

Ready for use, to be mixed with water for
Earthenware, Tiles, Bricks, Etc.

No.	Cone	lb.	oz.
940.	Black	.05	...
941.	Azule Blue	.07	...
941A.	Cobalt Blue	.07	...
942.	Mazarine Blue	.07	...
943.	Transparent Blue	.07	...
943A.	Brown	.07	...
944.	Chestnut Brown	.07	...
945.	Olive Brown	.07	...
946.	Purple Brown	.07	...
947.	Blue Green	.07	...
948.	Bronze Green	.07	...
949.	Dark Green	.07	...
949A.	Grey Green	.07	...
950.	Jade Green	.07	...
951.	Olive Green	.07	...
951A.	Olive Green	.07	...
952.	Smoke Green	.07	...
952A.	Gun Metal	.010	...
953.	Crimson, very rich	.07	...
954.	Pink	.07	...
955.	Plum	.05	...
956.	Turquoise, Persian	.013	...
956A.	Turquoise, Royal	.013	...
957.	Primrose Yellow	.013	...
958.	Golden Orange	.07	...
959.	Indian Orange	.07	...
960.	Dragon Red	.07	...
961.	Sang de Boeuf	.07	...
962.	Rose Blush	.07	...
963.	Photo Brown	.07	...
964.	Majolica Glaze or Flux	.07	...

Fancy Glazes for Art Pottery

No.	Cone	lb.	oz.
1028.	Chinese Brown	.010	...
1029.	White Star	.02 to 1	..
1030.	Blue Star	.01 to 1	..
1030A.	Blue Star Brown	.01 to 1	..
1030B.	Green Sage Star	.05	...
1030C.	Yellow Star	.05	...
1031.	Crystalline	.1	...
1032.	Green Crystalline	.010 to .05	...
1033.	Brown Frosted	.010	...
1034.	Green Frosted	.010	...
1035.	Sevres Yellow Shell	.010	...
1036.	Plata (Polished Steel)	.010	...
1037.	Opaline	.010 to .05	...
1038.	Aventurine	.010	...

Important: Star Glazes require slow
cooling.

**Prepared Oxides or
Glaze Stains**

To be mixed in proportion of 1 part Stain
to 10 parts Glaze and up according to shade
desired. Write for general directions.

No.	Cone	lb.	oz.
965.	Black	.08	...
966.	Mazarine Blue	.08	...
967.	Red Brown	.08	...
968.	Brilliant Pink	.08	...
969.	French Green	.08	...
970.	Silver Grey	.08	...
971.	Sang de Boeuf	.08	...
972.	Persian Turquoise	.012	..
973.	Royal Turquoise	.012	..
974.	Canary Yellow	.012	..
975.	Indian Orange	.012	..

Prepared Body Stains**For Earthenware, Bricks, Tiles, Etc.**

No.	lb.	oz.
980.	Black	...
981.	Blue	...
982.	Brown	...
983.	Grass Green	...
984.	Pea Green	...
985.	Marine Green	...
986.	Salmon	...
987.	Ivory	...
988.	White for mixing	...

Prepared Glazes

Ready for use, to be mixed with water
to the consistency of cream, then lawned.

When the Glaze settles too quickly to
the bottom, a little Borax, about 5% dis-
solved in hot water, will prevent it.

No.	lb.	oz.	
1000.	Hard Leadless Glaze for printed goods	.05	...
1001.	Med. Leadless Glaze	.010	...
1002.	Soft Leadless Glaze	.012	...
1003.	Lead Glaze for general ware and Underglaze colors	.05	...
1004.	Barbotine Glaze	.05	...
1005.	Stannifere Glaze	.05	...

(Special prices for quantities.)

Numerous other Glazes, for any purpose
desired, can be furnished.

Matt Glazes

For Pottery, Tiles, Bricks, etc.

Ready for Use

Fire at Cone 04 (1070° C-1958° F) to Cone 02 (1110° C-2030° F)

No.	lb.	oz.
1039. Black.....		
1039A. Grey Green.....		
1039B. Moss Green.....		
1039C. Berry Green.....		
1039D. Sage Green.....		
1039E. Bright Green.....		
1039F. Yellow Green.....		
1040. Antique Green, dark.....		
1041. Antique Green, medium.....		
1042. Antique Green, light.....		
1042A. Dark Blue.....		
1043. Grey Blue, light.....		
1044. Grey Blue, dark.....		
1044A. Robins Egg Blue.....		
1044B. Nut Brown.....		
1044C. Dark Brown.....		
1044D. Sepia Brown.....		
1044E. Light Grey.....		
1045. Brilliant Red.....		
1046. Yellow, Buff.....		
1047. White.....		
1048. Cream.....		
1048A. Ivory.....		
1049. Old Ivory.....		

Instructions

Dissolve $\frac{1}{2}$ oz. of Gum Tragacanth in about one quart of water and add a tablespoonful of this solution to 1 pint of water and 1 pound of Glaze, which gives a thick paste. Apply this heavy on the green ware or biscuit (a slight shaking will give a smooth coating). In firing, do not cool off quickly; slow cooling off is of the utmost importance to obtain a good matt result. By mixing with each other innumerable tints can be produced.

IMPORTANT

CLEAN WARE—SATURATE COMPLETELY IN CLEAN WATER AND
WIPE DRY BEFORE GLAZING.

AVOID FINGER MARKS, ETC., ON GLAZE BEFORE FIRING.

HEAVY APPLICATION IS ESSENTIAL, AS IT ASSURES A FINER TEXTURE

Prepared Oxides, Color Bodies

For coloring the Enamel for Iron Enamelters, etc.

No.		lb.	oz.	No.		lb.	oz.
3001.	Ebony Black.....			3049.	Turquoise Green.....		
3002.	Intense Black.....			3050.	Yellow Green, No. 1.....		
3003.	Raven Black.....			3051.	Yellow Green, No. 2.....		
3010.	Air Blue, light.....			3055.	Blue Grey, No. 1, dark.....		
3013.	New Blue, Special.....			3056.	Blue Grey, No. 2, light.....		
3014.	New Blue, No. 1.....			3057.	Gun Metal Grey.....		
3015.	New Blue, No. 2.....			3058.	Mouse Grey, No. 1, light.....		
3015A.	New Blue, English.....			3059.	Mouse Grey, No. 2, dark.....		
3016.	Sky Blue, No. 1.....			3060.	Smoke Grey, No. 1, light.....		
3017.	Sky Blue, No. 2.....			3061.	Smoke Grey, No. 2, dark.....		
3018.	Turquoise Blue.....			3062.	Stone Grey.....		
3025.	Chestnut Brown.....			3065.	Pink, No. 1.....		
3027.	English Walnut Brown.....			3070.	Cherry Red.....		
3030.	Red Brown.....			3071.	Coral Red.....		
3031.	Umber Brown.....			3072.	Crimson, No. 1.....		
3032.	Walnut Brown.....			3075.	Elarco Crimson.....		
3033.	Wood Brown.....			3076.	Elarco Red.....		
3034.	Yellow Brown.....			3076A.	Elarco Scarlet.....		
3034A.	Yellow Brown, English.....			3077.	Fire Red, No. 1.....		
3040.	Black Green.....			3079.	Flame Red.....		
3041.	Blue Green, dark.....			3080.	Scarlet, No. 1.....		
3042.	Brown Green.....			3080A.	Scarlet, No. 3541.....		
3043.	Emerald Green.....			3085.	Violet, No. 1.....		
3044.	Grass Green.....			3086.	Violet, No. 2.....		
3045.	Myrtle Green.....			3090.	Chrome Yellow.....		
3046.	Olive Green, dark.....			3091.	Orange, light.....		
3047.	Olive Green, light.....			3092.	Orange, medium.....		
3048.	Parrot Green.....			3093.	Orange, dark.....		
				3094.	Signal Yellow, rich.....		
				3095.	Dark Yellow.....		

Above Oxides may be used for painting or printing on fired enamels if glazed over with our special soft flux No. 249 or by adding our special soft flux No. 249 to the oxide before applying.

Colored Enamels for Iron

Prepared ready for use

No.		lb.	oz.
3150.	Mazarine Blue, to be used directly on the Iron, etc.....		
3155.	Deep Black, to be used directly on the Iron, etc.....		

White Enamels for Copper, Iron, Metal, etc.

In lumps or ground ready for use. Require a heat of about 850° Cent.

No.		lb.	oz.	No.		lb.	oz.
1010.	White Enamel for Iron....			1015.	White Enamel, free of Lead and Zinc, No. 1...		
1011.	White Enamel for Copper...			1016.	White Enamel, free of Lead and Zinc, No. 2...		
1012.	White Enamel for Letters...						
1013.	White Enamel for Dials...						
1014.	Leadless White Enamel....						

GLASS COLORS

For Opal, Crystal and Window Glass

Require a heat of about 590 to 620 degrees Cent. Cone 022 and 021

Color of heat in kiln, Dark Red

BLACKS

No.		lb.	oz.
1050.	Best Black, superior.....		
1050A.	Acid Resisting Black.....		
1050B.	Best Black No. 135.....		
1051.	Blue Black.....		
1052.	French Black.....		
1053.	Glass Black, transparent.....		
1054.	Grey Black.....		
1055.	Jet Black.....		
1056.	Outlining Black.....		
1057.	Printing Black, No. 154...		
1057A.	Purple Black.....		
1058.	Soft Black.....		
1059.	Stenciling Black, superior...		
1060.	Transparent Black, best...		
1061.	Tracing Black, No. 1.....		
1062.	Tracing Black, No. 2.....		
1063.	Tracing Black, No. 61, Hancock's.....		

BLUES

1075.	Banding Blue, deep.....		
1076.	Celestial Blue, No. 1, transparent.....		
1077.	Celestial Blue, No. 2.....		
R.	Celestial Blue, 4403.....		
1077A.	Dark Blue, transparent.....		
1078.	Dark Blue, No. 1.....		
1079.	Dark Blue, No. 2.....		
1080.	Deep Blue.....		
1081.	Delft Blue.....		
1082.	Glass Blue, No. 20, transparent.....		
1083.	Lavender Blue.....		
1084.	Light Blue, transparent.....		
1085.	Limoges Blue, superior.....		
1086.	Meissen Blue.....		
1087.	Outremer Blue, No. 3.....		
1088.	Peacock Blue.....		
1089.	Royal Blue.....		
1089A.	Strong Blue.....		
1090.	Transparent Blue, No. 1, for staining.....		
1091.	Transparent Blue, No. 2, for staining.....		
1091A.	Transparent Blue, No. 172		
R.	Transparent Blue, No. 4072		
1092.	Ultramarine Blue, No. 1...		

BROWNS

No.		lb.	oz.
1109.	Ancient Brown, Hancock's.		
1109A.	Ancient Brown, soft.....		
1110.	Bistre Brown, No. 7, Hancock's.....		
1111.	Bitumen Brown, No. 1.....		
1112.	Bitumen Brown, No. 2.....		
1113.	Brunswick Brown, Hancock's.....		
1114.	Chestnut Brown.....		
R.	Chestnut Brown, No. 4095.		
1115.	Chocolate Brown.....		
1116.	Dark Brown, No. 1.....		
1117.	Dark Brown, No. 2.....		
1118.	Dark Brown, No. 3.....		
R.	Dark Brown, 4017.....		
1119.	German Brown, No. 50.....		
1120.	Hair Brown, No. 1.....		
1121.	Hair Brown, No. 2.....		
1122.	Hair Brown, No. 3.....		
R.	Hair Brown, No. 4014.....		
1123.	Lilac Brown.....		
1124.	Meissen Brown.....		
R.	Nut Brown, No. 4020.....		
1125.	New Brown.....		
1126.	Paris Brown, very dark.....		
1127.	Pompadour Brown.....		
1128.	Printing Brown.....		
1129.	Red Brown, soft.....		
1130.	Red Brown, for printing.....		
1130A.	Sepia Brown, hard.....		
R.	Rookwood Brown, No. 4087		
1131.	Shammy Brown for spraying.....		
1132.	Shammy Brown, French.....		
1132A.	Shammy Brown, special.....		
1133.	Stencil Brown.....		
1134.	Tracing Brown, No. 1, Hancock's.....		
1135.	Transparent Dark Brown.....		
1136.	Transparent Sepia Brown.....		
1137.	Transp. Shammy Brown.....		
1138.	Transparent Yellow Brown.....		
1139.	Umber Brown, Hancock's.....		
1139A.	Umber Brown, soft.....		
1140.	Vandyke Brown.....		
1141.	Violet Brown, very rich.....		
1142.	Walnut Brown.....		
1143.	Yellow Brown, No. 1.....		
1144.	Yellow Brown, No. 2.....		
1145.	Yellow Brown, No. 3.....		

Glass Colors

CARMINES AND PINKS

No.		lb.	oz.
1160.	Deep Carmine,		
1161.	Light Carmine,		
1162.	Purple Carmine,		
1163.	Rose Carmine,		
1164.	Superior Carmine,		
1165.	Rose Pink,		
1166.	Spraying Carmine,		

FLUXES FOR GLASS COLORS

1175.	Crystal Flux,
R.	Crystal Flux, No. 4029,
1176.	Enamel Flux,
1177.	English Flux, No. 75, soft,
1178.	Extra Soft Flux, No. 1,
1179.	Extra Soft Flux, No. 10,
1180.	Extra Soft Flux, No. 20,
1181.	Flux for Blues,
1182.	Flux for Blues and Greens,
1183.	Flux for Carmines and Purples,
1183A.	Flux for Transp. Colors,
1184.	Flux for White Enamels,
1185.	Flux, No. 1, German,
1186.	Flux, No. 2, German,
1187.	Speciai Soft Flux, No. 1,
1190.	Speciai Soft Flux, No. 2,
1191.	Leadless Flux,

GREENS

1200.	Apple Green, No. 1,
1201.	Apple Green, No. 2,
1202.	Berlin Green, extra deep,
1203.	Berlin Green, No. 2,
1204.	Black Green, No. 1, very dark,
1205.	Black Green, No. 2, dark,
R.	Black Green, No. 4042,
1206.	Blue Green, for Grounds,
1207.	Blue Green, transparent,
R.	Blue Green, greenish, 4057,
R.	Blue Green, bluish, No. 4054,
R.	Brilliant Green, No. 4090,
1208.	Blue Green, No. 4,
1209.	Bronze Green, very rich,
1210.	Bronze Green, No. 50,
1211.	Brown Green, very rich,
1212.	Brown Green, No. 12,
1213.	Celeste Green,

GREENS

No.		lb.	oz.
1214.	Coalport Green,		
1214A.	Dark Green, No. 1,		
1215.	Dark Green, for Grounds,		
1216.	Delft Green,		
1217.	Duck Green,		
1218.	Electric Green, No. 1,		
1219.	Electric Green, No. 2,		
1220.	French Green,		
R.	French Green, bluish, No. 4045,		
R.	French Green, greenish, No. 4046,		
1221.	Grass Green, No. 1,		
1222.	Grass Green, No. 2,		
R.	Green Pepper Green, 4088,		
1222A.	Hunter's Green,		
1222B.	Jade Green,		
1223.	Light Green,		
1223A.	Light Green, No. 2,		
1224.	Limoges Green,		
1224A.	Lobster Green,		
1225.	Malachite Green, No. 1,		
1226.	Meadow Green,		
1227.	Meissen Green, strong,		
1228.	Moss Green, superior,		
1229.	Moss Green, No. 4,		
1230.	Myrtle Green, French,		
1231.	Neutral Green,		
1232.	Night Green, brilliant,		
1233.	Olive Green, No. 1,		
1234.	Olive Green, soft,		
1235.	Olive Green, special,		
1235A.	Olive Green for printing, R. Parrot Green, No. 4082,		
1236.	Peacock Green,		
1237.	Russian Green, No. 1, very rich,		
1238.	Russian Green, No. 2,		
1238A.	Russian Green, special,		
1239.	Seaweed Green,		
1239A.	Seaweed Green, transp.,		
1240.	Sevres Green,		
1241.	Shading Green,		
1241A.	Steuben Green,		
1242.	Transp. Green, dark,		
1243.	Water Green, superior,		
1244.	Water Green, No. 2,		
1245.	Yellow Green, for Grounds,		
1246.	Yellow Green, transp.,		
1247.	Yellow Green, light,		
1248.	Dark Green, transp.,		

Glass Colors

GREYS

No.		lb.	oz.
1260.	Black Grey.....		
1261.	Blue Grey, dark.....		
1262.	Blue Grey, light.....		
1263.	Copenhagen Grey, bluish.....		
1264.	Copenhagen Grey, greenish.....		
1265.	Copenhagen Grey, dark.....		
1266.	Copenhagen Grey, light.....		
1267.	Dove Grey.....		
1268.	Drab Grey.....		
1269.	French Grey, very delicate.....		
1270.	Grey for flesh.....		
1271.	Grey for flowers.....		
1272.	Neutral Grey.....		
1273.	Pearl Grey.....		
1274.	Slate Grey.....		
1275.	Silver Grey.....		
1276.	Steel Grey.....		

PURPLES, RUBIES AND VIOLETS

1286.	Carmine Purple, No. 1.....
1287.	Carmine Purple, No. 2.....
1288.	Crimson Purple.....
1288A.	Crystal Purple.....
1289.	Heliotrope.....
1290.	Lilac, No. 3.....
1291.	Maroon, No. 1.....
1291A.	Purple C. 1.....
1292.	Purple Carmine.....
1293.	Rose Purple.....
1293A.	Ruby Purple.....
1293C.	Royal Ruby.....
1294.	Ruby, No. 1, extra deep.....
1295.	Ruby, No. 2, medium.....
1296.	Ruby, No. 3, light.....
1297.	Ruby, No. 4, for spraying.....
1297A.	Ruby, No. 5.....
1297B.	Ruby, No. 6.....
1297C.	Ruby, No. 7.....
1297D.	Ruby, No. 8.....
1297E.	Ruby, No. 27.....
1298.	Ruby in liquid form.....
1299.	Elarco Ruby, very rich.....
1300.	Violet, Blue.....
1301.	Violet, deep.....
1302.	Violet, Purple.....
1303.	Violet, Red.....
1303A.	Rich Violet.....
1304.	Violet of Iron.....

REDS, CORALS AND FLESH

No.		lb.	oz.
1315.	Best Red.....		
1315A.	Best Red, Hancock's.....		
1316.	Blood Red.....		
	R. Blood Red, No. 4009.....		
1317.	Brick Red.....		
1317A.	Brilliant Red.....		
1318.	Cardinal Red.....		
1319.	Carnation Red.....		
1320.	Cherry Red.....		
1320A.	Cinnabar Red.....		
1321.	Coral Red, No. 1.....		
1322.	Coral Red, No. 2.....		
1323.	Coral Red, No. 7.....		
1323A.	Coral Red, special.....		
1324.	Flesh Red, No. 1, dark.....		
1325.	Flesh Red, No. 2, light.....		
1326.	Flesh Carmine.....		
1326A.	Flesh Tint, Transp.....		
	R. Flower Red, No. 4021.....		
	R. Light Red, No. 4023.....		
1327.	Orange Red, No. 17.....		
1327A.	Orange Peel Red.....		
1328.	Persian Red, No. 207.....		
1329.	Pompadour Red.....		
1330.	Pompadour Red, dark.....		
1331.	Pompadour Red, very rich.....		
1332.	Poppy Red.....		
1333.	Red for Flesh, Hancock's..		
1334.	Ruby Red.....		
1335.	Salmon, very rich.....		
1336.	Special Red.....		
1336A.	Special Bright Red.....		
1336B.	Tomato Red.....		
	R. Tomato Red, No. 4416.....		
1337.	Tracing Red.....		
1338.	Transparent Flesh, pinkish.....		
1338A.	Transparent Flesh, best.....		
1339.	Transparent Red.....		
1340.	Vermilion Red.....		

This color is especially made for exit signs and general sheet glass decorating or, for glass which can be fired at from 1000° to 1200° Fahr.

TURQUOISE—BLUES AND GREENS

1350.	Turquoise Blue, Transp.....
1351.	Turquoise Blue, No. 203.....
1352.	Turquoise Green, Transp.....
1353.	Turquoise Green, No. 2.....
1354.	Turquoise, light.....

Glass Colors

YELLOWS, ORANGES, ETC.

No.		lb.	oz.
1360.	Alberts Yellow, genuine, mixes with all colors....		
1361.	Alberts Yellow, No. 2....		
1362.	Canary Yellow, No. 1....		
1362A.	Canary Yellow.....		
1363.	Canary Yellow, No. 2....		
	R. Canary Yellow, No. 4018..		
1364.	Chinese Yellow, Grounds..		
1365.	Dark Yellow, No. 63.....		
1365A.	Dark Yellow, No. 1.....		
1365B.	Dark Yellow, No. 2.....		
1366.	Dark Yellow, French.....		
1366A.	Dark Opaque Yellow.....		
	R. Dark Yellow, No. 4016....		
1367.	Egg Yellow, very rich....		
1368.	Gold Yellow, very rich....		
1369.	Ivory Yellow, No. 1.....		
1370.	Ivory Yellow, No. 2.....		
1371.	Ivory, Worcester Tint....		
1372.	Lemon Yellow.....		
1373.	Mixing Yellow.....		
1373A.	Naples Yellow for flesh....		
1374.	Old Ivory.....		
1375.	Opaque Orange.....		
1376.	Orange Yellow.....		
1377.	Relief Yellow, to overlay with Gold.....		
1378.	Transparent Amber, rich..		
1378A.	Transp. Amber, No. 2....		
1379.	Transparent Orange, rich..		
1380.	Transparent Silver Yellow..		
1381.	Transparent Yellow.....		

SILVER STAINS

Must be applied heavy, and after being fired the crust is washed off and a transparent yellow appears.

1382.	Silver Stain, Orange, No. 1, very deep.....
1383.	Silver Stain, Orange, No. 2
1384.	Silver Stain, Yellow, No. 3
1385.	Silver Stain, Orange, No. 6, Hancock's.....
1387.	Elarco Amber Deposit....
1388.	Silver Stain, Orange, In- tense.....

WHITES AND WHITE ENAMELS

No.		lb.	oz.
1400.	Obscuring White, Matting..		
1400A.	Acid Resisting White.....		
	This White Enamel will resist the action of concentrated nitric and sulphuric acid. (For Acid Resist- ing Black, see page 38.)		
1401.	Opaque White, No. 1, soft..		
1402.	Opaque White, No. 3, hard..		
1403.	Matt White for Chimneys..		
1404.	Transparent White.....		
1405.	White Enamel, A.....		
1406.	White Enamel, B.....		
1407.	White Enamel, C, soft....		
1408.	White Enamel, D.....		
1409.	White Enamel, E.....		
1410.	White Enamel, F.....		
1411.	White Enamel, G, Labels..		
1411A.	White Enamel, H.A.A.....		
1411B.	White Enamel, H.A.....		
1412.	White Enamel, No. 52....		
1412A.	White Enamel for mixing with colors.....		
1413.	White Enamel for Liquid Bright Gold.....		
1414.	White Enamel, No. 1, Re- lief Ground.....		
1415.	White Enamel, No. 3.....		
1416.	White Enamel, Matt.....		
1417.	White Enamel, Matt, No. 2		
1418.	Softest White Enamel.....		
1419.	White Enamel, High Relief.....		

Above Enamels are ground in Turpentine, but can be furnished also ground in water.

1420.	Snow Flake Enamel.....
1421.	Yellow Flake Enamel.....

Sprinkle above over a coating of Fat Oil or Stamping Oil.

PASTES FOR RAISED GOLD FOR GLASS

1481.	Hancock's Paste for Gold..
1480.	Bohemian Paste for Gold..
1482.	Paste for Matt Gold effects with Liquid Bright Gold.
1483.	Paste for Liq. Bright Gold.
1484.	Relief White for Liquid Bright Gold.....
1485.	Relief Yellow for Liquid Bright Gold.....
1486.	Softening Material for Paste.....

Glass Colors

OPAQUE RELIEF ENAMELS, FOR OPAL AND CRYSTAL GLASS

No.	lb.	oz.
1/G Intense Black.....		
10/G Celestial Blue.....		
11/G Lavender Blue.....		
12/G Mazarine Blue.....		
13/G Old Blue.....		
14/G Turquoise Blue.....		
20/G Hair Brown.....		
21/G Red Brown.....		
22/G Yellow Brown.....		
23/G Carmine.....		
24/G Peach Blossom.....		
30/G Apple Green.....		
31/G Brown Green.....		
31A/G Darkest Green.....		
32/G Dark Green.....		
32A/G Dark Green.....		
33/G Deep Blue Green.....		
34/G Celadon Green.....		
35/G Grey Green.....		
36/G Moss Green.....		
37/G Olive Green.....		
38/G Turquoise Green.....		
39/G Yellow Green.....		
50/G Blue Grey.....		
51/G Copenhagen Grey.....		
52/G Pearl Grey.....		
53/G Warm Grey.....		
60/G Lilac.....		
61/G Purple.....		
62/G Ruby.....		
63/G Violet.....		
70/G Blood Red.....		
71/G Flesh Red.....		
72/G Pompadour Red.....		
73/G Scarlet Red.....		
73A/G Scarlet Red.....		
74/G Yellow Red.....		
80/G Amber Yellow.....		
81/G Canary Yellow.....		
81A/G Egg Yellow.....		
82/G Lemon Yellow.....		
83/G Orange Yellow.....		
84/G Ivory, Dark.....		
85/G Ivory, Light.....		
90/G White Enamel for Painting.....		
91/G White Enamel for Mixing.....		
92/G Flux for Enamels.....		

TRANSPARENT ENAMELS FOR AMERICAN GLASS

These colors must be applied heavy and not be mixed with too much fat oil.

No.	lb.	oz.
1450 Blue 2015.....		
1451 Blue 2020.....		
1452 Blue 2373.....		
1457 Green 2380.....		
1458 Dark Green 2018.....		
1461 Sap Green 2378.....		
1461A Sap Green 2012.....		
1462 Yellow Green 2021.....		
1463 Carmine 2016.....		
1463A Pink 2013.....		
1464 Purple 2382.....		
1466 Violet d'Or 1988.....		
1467 Yellow 2385.....		
1471 Amber 2014.....		

MATT OR SATIN FINISH GLASS COLORS

No.	lb.	oz.
760/J&S Black.....		
763/J&S Paris Blue.....		
764A/J&S Wedgewood Blue.....		
765/J&S Celestial Blue.....		
767/J&S Turquoise Blue.....		
768/J&S Paris Brown.....		
769/J&S Yellow Brown.....		
770/J&S Bronze Green.....		
773/J&S Emerald Green.....		
776/J&S Olive Green.....		
777/J&S Russian Green.....		
779/J&S Yellow Green.....		
780/J&S Copenhagen Grey.....		
782/J&S Maroon.....		
783C/J&S Rose Pink.....		
783/H.A. Pink.....		
785/J&S Old Rose.....		
786/J&S Scarlet Red.....		
789A/J&S Ruby Red.....		
790/J&S Yellow Red.....		
790A/J&S Violet.....		
791/J&S White, No. 1.....		
792B/J&S Aureoline Yellow.....		
793/J&S Dark Yellow.....		
794/J&S Light Yellow.....		
795A/J&S Golden Orange.....		
797A/J&S Jersey Cream.....		
797F/J&S Ivory, dark.....		

Glass Stainers Colors

(English, German and French)

We desire to emphasize the fact that we are the Sole Selling Agents for

MESSRS. JAMES HANCOCK & SON, LTD.

WORCESTER, ENGLAND

and carry in stock their celebrated

Umber Brown, Tracing Brown No. 1, Ancient Brown, Tracing Black No. 61, Bistre Brown, Red for Flesh, etc.

Hancock's Glass Colors have been in use for over one hundred years, and are known to be

ATMOSPHERIC-PROOF

No.	lb. oz.	No.	lb. oz.
1050A. Acid Resisting Black.....		1139F. Umber Brown (Red), C. & S.	
1051A. Deep Black.....		1139G. Umber Brown, Sepia, very	
1058A. Soft Black A.....		strong.....	
1059. Stencil Black.....		1140A. Vinegar Tracing Brown.....	
1061. Tracing Black No. 1.....		1146. Yellow Brown, Transp.....	
1063. Tracing Black No. 61, Hancock's.....		1203A. Black Green, Dark, C. & S.	
1065. Universal Black.....		1205A. Black Green (Grisaille), C. & S.	
1066. Vinegar Tracing Black.....		1220A. Grey Green, C. & S.	
1081B. Flash Blue Transp.....		1220B. Grey Green, Soft.....	
1090. Transp. Blue No. 1.....		1220C. Grey Green for Matting	
1091. Transp. Blue No. 2.....		C. & S.	
1109. Ancient Brown, Hancock's.....		1298A. Ruby, transparent.....	
1110. Bistre Brown No. 7, Hancock's.....		1326A. Flesh Tint, transp.....	
1115A. Dark Brown, C. & S.		1333. Red for Flesh, Hancock's.....	
1118B. Dark Brown, Transp.....		1382. Silver Stain Orange No. 1...	
1129A. Red Brown, Transp.....		1383. Silver Stain Orange No. 2...	
1134. Tracing Brown No. 1, Hancock's.....		1384. Silver Stain Yellow No. 3...	
1136A. Transp. Sepia Brown No. 178		1385. Silver Stain Orange No. 6...	
1139. Umber Brown, Hancock's...		1388. Silver Stain Orange, Intense	
1139D. Umber Brown (Grey), C. & S.		1389. Silver Stain Orange No. 10...	
1139E. Umber Brown (Sepia), C. & S.		1389A. Silver Stain Deep No. 12...	
		1389B. Silver Stain Yellow No. 30...	
		1400. Obscuring White.....	
		1402A. Matting White, C. & S.	

FLESH

No.	lb. oz.	No.	per capsule
1341. Antique Red (flesh).....		1342. Rouge Jean Cousin (capsules)	

Directions:—Half an hour before using, grind same in spirit vinegar on glass slab, allowing it to dry. Add spirit vinegar to the consistency of milk and apply on reverse side of glass.

When painting, it is necessary to keep working over with the brush until the painted surface is dry. On Cathedral glass, the red is pounced until dry.

The faintest tone of flesh as well as deep red can be produced with the above. They require a strong burning, and are very sensitive to gas fumes which tend to hinder their burning in.

Liquid Lustre Colors for Glass

No.		lb.	oz.	No.		lb.	oz.
811/G	Dark Blue.....			832A/G	Heliotrope.....		
812/G	ELARCO Blue, very rich.			834/G	Rose or Pink, No. 1.....		
813A/G	Turquoise Blue, No. 1.....			835A/G	ELARCO Carmine.....		
815/G	Orange Brown, very rich..			835B/G	Mauve.....		
817/G	Yellow Brown.....			836/G	Ruby, No. 1, extra deep..		
817A/G	Yellow Brown Spec.....			843A/G	Amber.....		
818A/G	ELARCO Copper.....			848/G	Iridescent Lustre.....		
824/G	Royal Green, very rich....			848A/G	Mother of Pearl.....		
826/G	Venetian Green, Iridescent Yellow Green.....			850/G	Iridescent Yellow.....		
829/G	Yellow Green.....			850A/G	Flux for Lustres.....		
				851/G	Essence for thinning Lustres		

Velvo Frosting Liquid

produces a most beautiful velvety, frosted finish, by the simple process of immersion of from three to five minutes. Very interesting effects can be produced by first frosting the glass and then applying lustre over the entire surface and firing. Transparent colors can also be painted in design or sprayed over stencils on the frosted surface creating beautiful effects. Firing does not affect the VELVO. Direction sheet sent on request.

No.		qt.	gal.
1700.	Velvo Frosting Liquid.....		

CRYSTAL AND COLORED ICE

(Specially made for American Glass, to produce frosted effects.)

No.		lb.	oz.	No.		lb.	oz.
1496.	Crystal Ice, fine, medium and coarse, hard and soft			1497.	Colored Ice, in the follow- ing shades: Sap Green, Yellow, Yellow Green, Celadon, Olive Green....		

“ELARCO” IRIDESCENT PREPARATION FOR GLASS

No.		lb.	oz.
1300.	IRIDESCENT PREPARATION for Glass, in powder		

This preparation is placed in small cups in the kiln, and when at a low heat it volatilizes and deposits “Iridescent” effects of varied shades from Gold to Purple on the glass.

SALTS TO PRODUCE IRIDESCENT EFFECTS

No.		lb.	oz.	No.		lb.	oz.
1714.	Strontia Salt (produces a Red iridescency).....			1716.	Baryta Salt (produces a Blue iridescency).....		
1715.	Tin Salt (produces a Bluish White iridescency)						

FROSTED-FLOWER COMPOSITION

No.		lb.	oz.
1698.	Frosted-Flower Composition		

(Write for Directions.)



Gold, Silver and other Precious Metal Preparations



As we not only maintain a complete STAFF OF PRACTICAL CHEMISTS, but also use the most MODERN EQUIPMENT in our LABORATORIES for the preparation of Precious Metals, we are in a position to furnish GOLD and SILVER for all requirements in the CERAMIC ART and GLASS INDUSTRIES.

Our methods and equipment make it possible to produce a gold, in such a finely divided state, as to insure that maximum of covering quality which no other preparation can enjoy.

PLEASE NOTE

All our GOLD and SILVER PREPARATIONS are sold by TROY WEIGHT. We take every precaution possible to assure our patrons full weight, and any discrepancy should be reported immediately.

Patent Gold and Silver

IN PASTE FORM FOR CHINA



Faesimile of Box Label

CHEMICALLY PURE



Faesimile of Jar

Our Patent Gold on glass slabs is packed in neat boxes, and in order to insure fresh clean gold, each box is hermetically sealed with a specially prepared transparent covering.

All bulk golds are delivered in our patented jars which are sealed at the laboratory and cannot be opened without breaking the seal, insuring the contents against tampering and leakage.

PATENT ROMAN GOLD AND UNFLUXED GOLD

No.		per box
3520.	Size A, packed in Lavender Box with yellow edges	.....
3521.	Size B, packed in Green Box with white edges	.....
3522.	IN JARS. Containing,.....	1 $\frac{1}{8}$ oz. 1 $\frac{1}{4}$ oz. 3 $\frac{1}{8}$ oz. 1 $\frac{1}{2}$ oz. 1 $\frac{1}{4}$ oz. per jar.....

Green and White Gold; Green and Red Bronze, Fluxed or Unfluxed, at same prices as the above

PATENT SILVER

No.		per box
3525.	In boxes,.....	.....
3526.	In Jars Containing,.....	1 $\frac{1}{8}$ oz. 1 $\frac{1}{4}$ oz. 1 $\frac{1}{2}$ oz. 1 oz. per jar.....

NOTE:—Dealers, wishing to sell under their own label, can purchase gold from us on glass slabs in boxes, unlabeled or bearing their own imprint.

Elarco Gold and Silver

IN PASTE FORM FOR CHINA

In Patented Porcelain Jars

Keeps the Gold in Good
Condition Indefinitely



Keeps the Gold Clean and
Free from Dust

No.		Regular size jar
3500.	Roman Gold	per jar
3501.	Unfluxed Gold for over color	per jar
	Green and White Gold, Green and Red Bronze at same prices as the above.	
3507.	Burnish Silver	per jar

“Superior Quality”

Especially prepared for
Amateur China Decorators

In Bulk

No.		In jars containing	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
3508.	Roman Gold	per jar				
3509.	Unfluxed Gold	“ “				
	Green and White Gold, Green and Red Bronze at same prices as the above.					
3510.	Burnish Silver	per jar				

“Commercial Quality”

Especially prepared for
Potters and Wholesale China Decorators

In Bulk

No.		In jars containing	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
1500.	Roman Gold	per jar			
1503.	Unfluxed for over colors	“ “			
	Green and White Gold, Green and Red Bronze at same prices as the above.				
1505B.	Roman Gold for Banding and Stamping, ready for use per jar				
1505C.	Special Prepared PURE GOLD, fluxed, ready for use “ “				
1505D.	Special Prepared PURE GOLD, unfluxed, ready for use “ “				
1507.	Burnish SILVER of extreme whiteness and smoothness “ “				

1569 “Elarco Gold Facilitator”

For Thinning and Mixing your Roman Gold, Silver, Etc. See page 71

Gold and Silver for Glass

IN PASTE FORM

Decorators using our Gold Preparations have expressed their preference because of the following outstanding features:

EASE AND SMOOTHNESS IN APPLYING
 EXTREME COVERING QUALITY
 LOW FUSING POINT
 EASE IN BURNISHING
 LUSTROUS FINISH
 GOLD SHEEN ON REVERSE SIDE OF GLASS.

SEALED
 AIR TIGHT



CLEAN
 NO WASTE

No.	In boxes; and in jars containing	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
1501. Gold HA	per box per jar			
1502. Gold BB	" "			
1504. White Gold	" "			
1506. Roman Gold	" "			
1506A. Green Gold	" "			
1506B. Commercial Roman Gold	" "			

Any other grade or color of gold on application.

No.	In boxes; and in jars containing	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
1507A. Burnish Silver	per box per jar			
1507B. Silver for Silver Deposit	" "			

Gold and Silver Preparations

DRY IN POWDER

FOR CHINA

No.	oz.	dwt.
3520A. Patent Roman Gold, ground, chemically pure (not fluxed)		
3520B. Patent Roman Gold, ground and fluxed, ready for use		
1508. Brown Gold, chemically pure, ground		
1508A. Chemically Pure Gold, fluxed and ground ready for use		
1509. Burnish Gold, No. 1, fluxed and ground ready for use		
1509A. Burnish Gold, No. 2, fluxed and ground ready for use		
1510. Burnish Gold, for Printing and Stamping, fluxed, ground ready for use		
1510A. Burnish Gold, fluxed and ground in water		
1512. Burnish Green Gold, fluxed and ground ready for use		
1513. Burnish Silver, fluxed and ground ready for use		
1535A. Burnish Silver for Silver Deposit, fluxed, ready for use		
1536C. Burnish Platinum, double prepared		
1515. Dusting Green Gold, chemically pure		
1516. Dusting Lemon Gold, chemically pure		
1517. Dusting Red Gold, chemically pure		
1518. Dusting Roman Gold, chemically pure		
1519. Pure Green Gold Dust		
1520. Hancock's Gold Bronze, No. 1, Antique		
1521. Hancock's Gold Bronze, No. 9, Red		
1522. Hancock's Gold Bronze, No. 10, Green		
1523. Hancock's Gold Bronze, No. 46, Brown		
1524. Hancock's Gold Bronze, No. 111S, Olive		

FOR GLASS

No.	oz.	dwt.
1508. Brown Gold, chemically pure, ground		
1508B. Chemically Pure Gold, fluxed and ground ready for use		
1508C. Dusting Gold, fluxed		
1509C. Burnish Gold, No. 2, fluxed and ground ready for use		
1510B. Burnish Gold, for Printing and Stamping, fluxed, ground ready for use		
1510C. Burnish Gold, fluxed, ground in water		
1511. Burnish Gold, fluxed and ground ready for use		
1512A. Burnish Green Gold, fluxed and ground ready for use		
1514. Burnish Silver, fluxed and ground ready for use		
1535B. Burnish Silver for Silver Deposit, fluxed, ready for use		
1536C. Burnish Platinum, double prepared		

Any other grade or color of Gold on application.

“ELARCO” GOLD AND SILVER RELIEF ENAMEL

No.	oz.	dwt.	No.	oz.	dwt.
1526A. Gold for China			1525A. Silver for China		
1526B. Gold for Glass			1525B. Silver for Glass		

Grind above in water, and after being well dried, mix it with Lavender or Facilitator only; no Fat Oil. Dry well before firing and apply like paste for gold.

Gold and Silver Preparations

IN LIQUID FORM

No.		Per 100 grammes	Per 50 grammes	Per 20 grammes	Per vial
1560.	Liquid Bright GOLD.....				
1561.	Liquid Bright GREEN GOLD.....				
1561A.	Special Liquid Bright GREEN GOLD.....				
1562.	Liquid Bright PLATINUM.....				
1563.	Liquid Bright SILVER.....				

In Non-tipable Bottles

No.		Per Non-tipable bottle
1705.	Liquid Bright Gold.....	
1706.	Liquid Bright Green Gold.....	
1707.	Liquid Bright Silver.....	
1708.	Liquid Bright Platinum.....	

ATTENTION—The non-tipable bottle has a wide mouth, allowing the use of the Gold, etc., direct from the bottle. This style of bottle also avoids loss from upsetting.

A non-tipable bottle contains four times the quantity of a Vial.



No.		Per 100 grammes
1566.	Gold Lustre to mix with Bright Gold.....	Per 100 grammes

No.		lb.	oz.
1567.	Liquid Flux for Liquid Bright Gold, Platinum and Silver.....		
1568.	Essence for Liquid Bright Gold, Platinum and Silver.....		
1565C.	Greengold Paste.....	per 100 grammes,	per 20 grammes,

To produce a good Matt Greengold mix one part of Greengold Paste with 5 parts of Liquid Bright Gold (do not mix more than required at the time), or apply an even coat of Greengold Paste, firing lightly, and afterward apply Liquid Bright Gold over it.

LIQUID ROMAN GOLD

No.		In jar containing	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
1527.	Reusche's.....	.....	.....	.....	.....
1565A.	Elarco.....	.....	.....	.....	.....

SUNDRIES

No.		No.	
1530.	Chloride of Gold.....	1551.	Flux for Gold for China.....
1531.	Oxide of Gold.....	1552.	Flux for Gold for Glass.....
1532.	Ribbon Gold.....	1553.	Flux for Silver for China.....
1533.	Precipitated Silver.....	1554.	Flux for Silver for Glass.....
1540.	Chloride of Silver.....	1554A.	Flux for Silver Deposit, China.....
1541.	Nitrate of Silver.....	1554B.	Flux for Silver Deposit, Glass.....
1542.	Oxide of Silver.....	1531.	Nitrate of Bismuth.....
1543.	Sulphuret Silver.....	1535.	Sub-Nitrate of Bismuth.....
1544.	Ribbon Silver.....	1536.	Red Oxide of Mercury.....
1545.	Purple Cassius.....	1537.	Calcined Borax.....
1549.	Gold Alloy.....		
1550.	Hancock's Gold Alloy.....		

Oxides and Chemicals

No.	lb.	No.	lb.
1721. Acid, Boracic, prime flaky		1775. Copper, Oxide, Black, heavy	
1722. Acid, Boracic, refined crystals		1776. Copper, Oxide, Black, light	
1723. Acid, Chromic,		1777. Copper, Oxide, Red,	
1724. Acid, Muriatic,		1778. Copper, Prot-oxide,	
1725. Acid, Nitric,		1778A. Copper, Salt,	
1726. Acid, Stannic,		1779. Copper, Scales,	
1727. Acid, Titanic,		1780. Copper, Sulphate,	
1728. Acid, White, for Etching, . . .		1781. Copper, Sulphide,	
1729. Alum, lump,		1782. Copperas,	
1730. Alum, powdered,		1783. Cornwall Stone,	
1731. Alum, potash,		1784. Cream of Tartar,	
1732. Alumina, Oxide, hydrated, . .		1785. Crocus Martis,	
1733. Ammonia, Carbonate,		1786. Cryolite,	
1734. Antimony, Diaphoretic,		1786B. Cryolite, substitute,	
1735. Antimony, Glass,		1787. Feldspar,	
1736. Antimony, Metallic, powdered,		1788. Flint, powdered,	
1737. Antimony, Needle, powdered		1789. Fluorspar,	
1738. Antimony, Oxide, Black,		1790. Glass, ground,	
1739. Antimony, Oxide, White,		1791. Glycerine, C. P.,	
1740. Antimony, Regulus,		1792. Gold, Chloride,	
1741. Antimony, Sulphate,		1793. Gold, Oxide,	
1742. Arsenic, White,		1794. Gold, Ribbon,	
1743. Asphaltum, Egyptian,		1795. Gum Arabic,	
1744. Ball Clay,		1796. Gum Mastic,	
1745. Baryta, Carbonate,		1796A. Hydrofluoric Acid,	
1746. Baryta, Nitrate,		1797. Iridium, Oxide, Black,	
1747. Baryta, Sulphate,		1798. Iron, Carbonate,	
1748. Bees Wax,		1799. Iron, Chromate,	
1750. Bismuth, Oxide,		1799A. Chloride of Iron,	
1750A. Bismuth, Nitrate,		1800. Iron, Filings,	
1750B. Bismuth, Subnitrate,		1801. Iron, Sulphate,	
1751. Blue Calx,		1802. Iron, Oxide, Black,	
1752. Blue Vitriol,		1803. Iron, Oxide, Brown,	
1753. Bone Ash,		1804. Iron, Oxide, Red,	
1754. Borax, Calcined,		1805. Iron, Oxide, Violet,	
1755. Borax, Lump,		1806. Kaolin,	
1756. Borax, Refined, powdered, . . .		1806A. Lead, Carbonate,	
1757. Cadmium, Sulphide,		1807. Lead, Chromate, crystals,	
1758. Chalk, Red, powdered,		1808. Lead, Chromate, powdered,	
1759. Chalk, White, powdered,		1809. Lead, Chloride,	
1760. Charcoal, Maple, powdered, . . .		1810. Lead, Red, dry,	
1761. China Clay,		1811. Lead, White, dry,	
1762. Chrome, Yellow,		1812. Litharge,	
1763. Chrome, Oxide, Green,		1813. Magnesium, Metal, powdered,	
1764. Cobalt, Carbonate,		1814. Magnesia, Carbonate,	
1765. Cobalt, Chloride,		1815. Manganese, Oxide, Black, C. P.,	
1766. Cobalt, Nitrate,		1816. Manganese, Oxide, Black, finely powdered,	
1767. Cobalt, Oxide, Black,		1817. Manganese, Oxide, Brown,	
1768. Cobalt, Oxide, F. K. O.,		1818. Manganese, Oxide, Light,	
1769. Cobalt, Oxide, P. K. O.,		1819. Manganese, Oxide, Recovered,	
1770. Cobalt, Oxide, prepared,		1820. Mercury, Metallic,	
1771. Cobalt, Sulphate,		1820A. Mercury, Oxide, Yellow,	
1773. Copper, Acetate,			
1774. Copper, Carbonate,			

Oxides and Chemicals

No.	lb.	No.	lb.
1821. Nickel, Carbonate.....		1856. Soda, Carbonate, powdered.	
1822. Nickel, Chloride.....		1857. Soda, Nitrate.....	
1823. Nickel, Nitrate.....		1858. Soda, Phosphate.....	
1824. Nickel, Oxide, Black.....		1859. Soda, Selenate.....	
1825. Nickel, Oxide, Green.....		1860. Soda, Sulphate.....	
1826. Nickel, Sulphate.....		1860A. Sparmaceti.....	
1827. Nitre, powdered, double refined.....		1861. Strontium, Carbonate.....	
1828. Paris White.....		1862. Strontium, Nitrate.....	
1829. Pearl Ash.....		1863. Sulphur Flowers.....	
1830. Pipe Clay.....		1864. Tin, Ash.....	
1831. Plaster Paris.....		1865. Tin, Chloride.....	
1832. Platinum, Chloride, dry.....		1866. Tin, Metallic, granulated.....	
1833. Potassium, Bi-Carbonate.....		1867. Tin, Salt.....	
1834. Potassium, Bi-Chromate.....		1868. Tin, Oxide, Black.....	
1835. Potassium, Carbonate.....		1869. Tin, Oxide, Grey.....	
1836. Potassium, Chromate.....		1870. Tin, Oxide, White.....	
1837. Potassium, Cyanide.....		1871. Tin, Oxide, White, extra.....	
1838. Potassium, Nitrate.....		1872. Titanium, Nitrate.....	
1839. Potash, Bi-Carbonate.....		1873. Titanium, Oxide.....	
1840. Powder Blue (Small).....		1874. Turkey Umber, Burnt.....	
1841. Purple of Cassius.....		1875. Uranium, Nitrate.....	
1842. Putty Powder.....		1876. Uranium, Oxide, Black.....	
1843. Quartz, lump.....		1877. Uranium, Oxide, Orange.....	
1844. Quartz, powdered.....		1878. Uranium, Oxide, Yellow.....	
1844A. Red Oxide of Mercury.....		1879. Uranium, Oxide, Substitute.....	
1845. Rutile.....		1880. Verdigris.....	
1845A. Rouge, polishing.....		1880A. White Acid.....	
1845B. Saltpetre.....		1881. Whiting.....	
1846. Sand Lynn.....		1882. Yellow Ochre, French, washed.....	
1847. Seleniun, Metal.....		1883. Zaffer.....	
1847A. Silver, Carbonate.....		1884. Zinc, Carbonate.....	
1848. Silver, Chloride.....		1885. Zinc, Chloride.....	
1849. Silver, Nitrate.....		1886. Zinc, Salt.....	
1850. Silver, Oxide.....		1887. Zinc, Oxide, Green Seal.....	
1851. Silver, Ribbon.....		1888. Zinc, Oxide, Red Seal.....	
1852. Silver, Sulphuret.....		1889. Zinc, Oxide, White C. P.....	
1853. Soda Ash.....		1890. Zinc, Oxide, XX.....	
1854. Soda, Bi-Carbonate.....		1891. Zinc, prepared for reduction purposes.....	
1855. Soda, Carbonate, crystals...			

IRIDESCENT SOLUTIONS FOR GLASS

No.		gallon	pint
1713. Mother of Pearl.....			
1713A. Orange Iridescent.....			

While the Glass is white hot, spray the solution on the article and let it cool off. The hotter the glass, when the solution is sprayed on, the richer the iridescency. The iridization is permanent. Do not use metal sprayers. For Sprayers made of Glass, see page 97.



“Elarco Brand”

STRICTLY HAND MADE



French Brushes and Pencils

Of Unsurpassed Quality

SQUARE SHADERS No. 2, REGULAR

Selected Camel Hair in Quills



Size	11	10	9	8	7	6	5	4	3	2	1
Per doz.											

Size 12. Extra large, per doz.

Size 13. Extra large, per doz.

Sizes from 9 to 13 are wire bound.

SQUARE SHADERS No. 2, SHORT

Selected Camel Hair in Quills



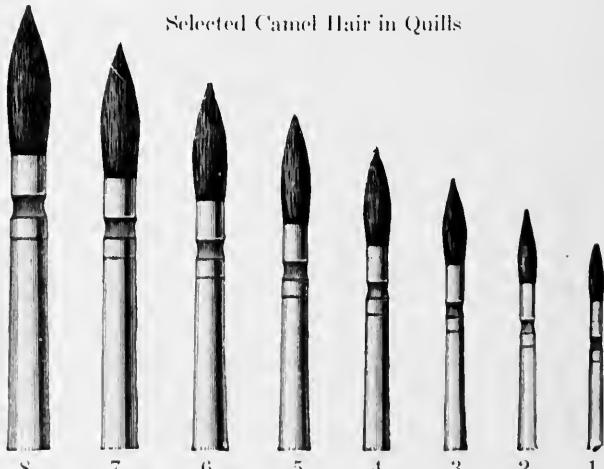
Size 11 10 9 8 7 6 5 4 3 2 1

Per doz.

Size 12. Extra large, per doz.
 Size 13. Extra large, per doz.

POINTED SHADERS No. 1

Selected Camel Hair in Quills



Size 8 7 6 5 4 3 2 1

Per doz.

TRACERS No. 3

Selected Camel Hair in Quills



Size 8 7 6 5 4 3 2 1 Trenton Tracers Trenton Tracers
Per doz.

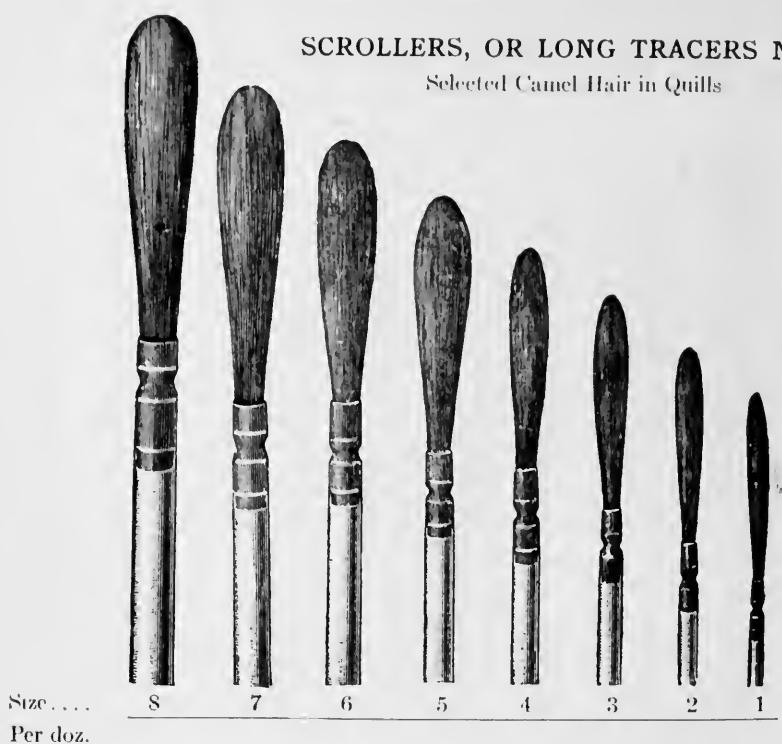
LETTERING OR MINIATURE PENCILS No. 4

Selected Camel Hair in Quills

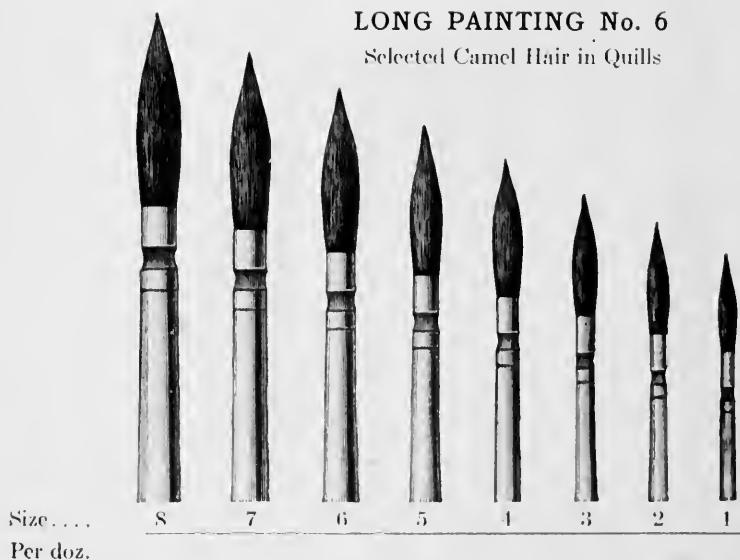


Size 4 3 2 1 0 00 Special Letterer
Per doz.

SCROLLERS, OR LONG TRACERS No. 5
 Selected Camel Hair in Quills

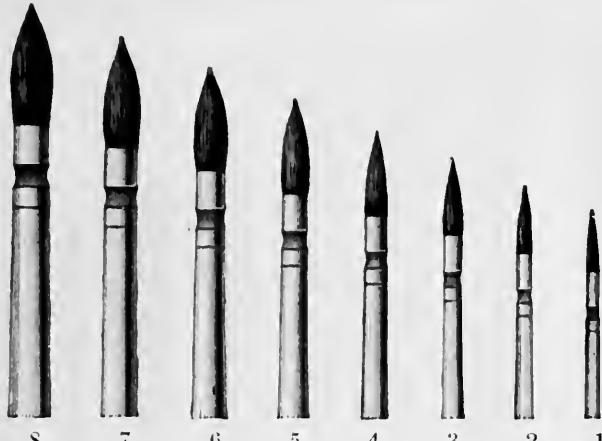


LONG PAINTING No. 6
 Selected Camel Hair in Quills



SHORT PAINTING OR DIGGERS No. 7

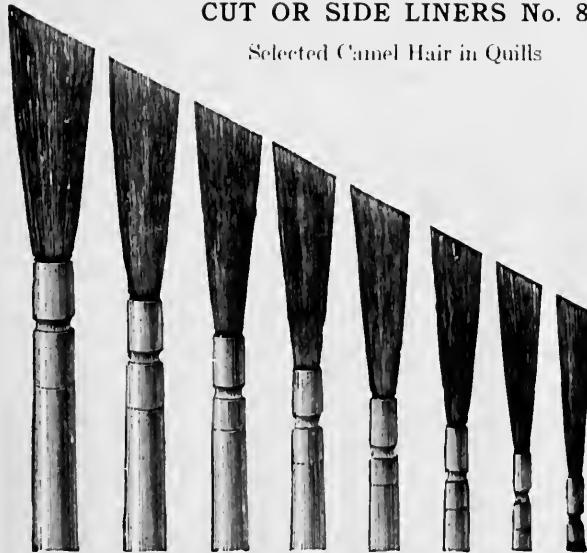
Selected Camel Hair in Quills



Size..... 8 7 6 5 4 3 2 1
Per doz.

CUT OR SIDE LINERS No. 8

Selected Camel Hair in Quills



Size..... 8 7 6 5 4 3 2 1
Per doz.

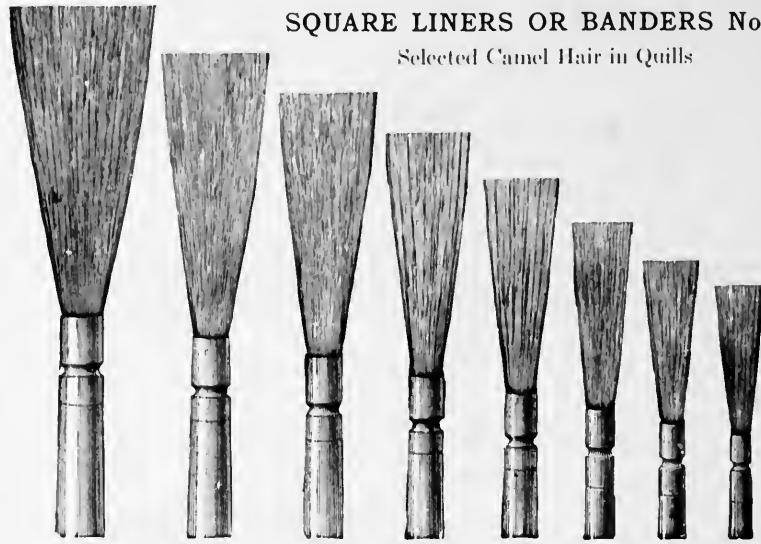
Size No. 10, wire bound, per doz.

Size No. 10, Special, wire bound, Heavy and Short, per doz.

Size No. 12, wire bound, per doz.

SQUARE LINERS OR BANDERS No. 9

Selected Camel Hair in Quills



Size 8 7 6 5 4 3 2 1
Per doz.

STRIPERS OR LONG BANDERS No. 9A

Selected Camel Hair in Quills



Size 8 7 6 5 4 3 2 1
Per doz.

FOR PAINTING GROUNDS ROUND OR SQUARE

Selected Camel Hair in Quills

No. 10



Round 1

Round, in quills, wire bound, per doz.

No. 11



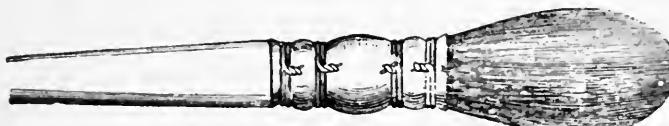
Square

Square, in quills, wire bound, per doz.

FOR PAINTING GROUNDS—ROUND OR SQUARE

Selected Camel Hair, Wood Handles

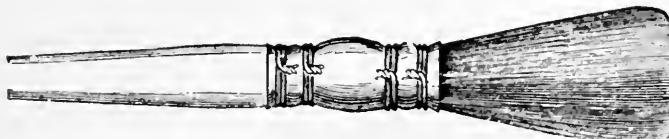
No. 12



Round

Round, wire bound quills, wood handles, per doz.

No. 13



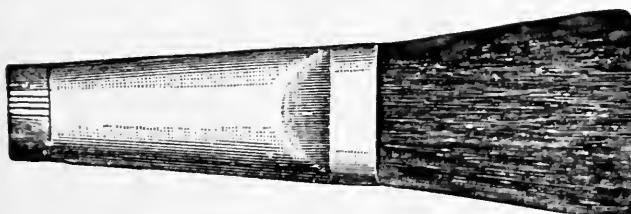
Summary

Square, wire bound quills, wood handles, per doz.

FLAT, FOR OILING GROUNDS—No. 14

Selected Camel Hair in Tin Ferrules

size 6.

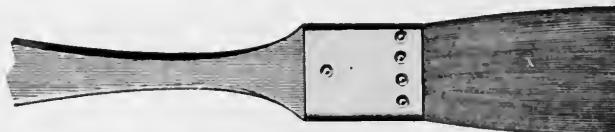


Round
Wood
Handles

Per doz.

FLAT LUSTRING BRUSHES No. 15

Selected Camel Hair in Tin Ferrules

 $\frac{1}{2}$ inch
FerruleFlat
Wood
HandleWidth.....Inches $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2 $2\frac{1}{2}$

Per doz.....

TINTING BRUSHES No. 16

Selected Camel Hair in Tin Ferrules

 $\frac{1}{2}$ inch
FerruleRound
Wood
HandleWidth.....Inches $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1

Per doz.....

IMPROVED TINTING BRUSHES No. 16A

In Nickel Plated Ferrules, Polished Handles

Width.....Inches $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1

Per doz.....

RUSSIAN SABLE TINTING BRUSHES No. 24

Nickel Plated Ferrules, Polished Handles

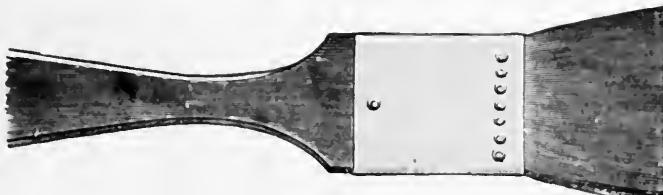
See illustration of No. 16 Tinting Brush

Width.....Inches $\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1

Per doz.....

CAMEL HAIR COLOR BRUSHES No. 17

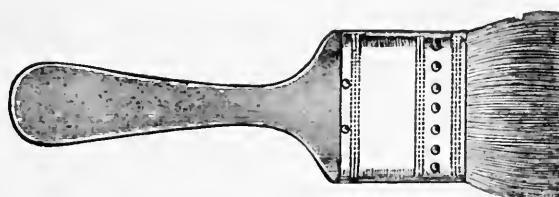
In Tin Ferrules, Long Flat Wood Handles



Width	Inches	1	1 1/2	2	2 1/2	3	3 1/2	4
Per doz.								

CAMEL HAIR DECALCOMANIA SIZE BRUSHES No. 18

In Tin Ferrules, Flat Wood Handles



Width	Inches	1 1/2	1	1 1/2	2	2 1/2	3	3 1/2	4
Per doz.									

GENUINE FITCH HAIR STIPPLERS Nos. 20 AND 21

In Wire Bound Quills, Wood Handles

Size 2		Square No. 20
Size 2		Deerfoot No. 21
Size	2 4 6 8 10 12 20	
Per doz.		

GENUINE FITCH HAIR STIPPLERS No. 19

In Quills, Wire Bound.

Square



Size.....

1

2

3

4

5

6

7

8

Per doz.....

GENUINE FITCH HAIR STIPPLERS No. 19A

In Quills, Wire Bound.

Deerfoot



Size.....

1

2

3

4

5

6

7

8

Per doz.....

Two quills,
deerfoot

GENUINE DRESDEN RED SABLE OUTLINERS No. 22A

In Round Polished Handles, Nickel Plated Ferrules

(Each brush is stamped in gold, L. Reusche & Co., Dresden)

Not less than $\frac{1}{2}$ dozen of a size sold, as brushes are fastened on a card to protect the natural point of brush.

Length of hair	6-16 in.	9-16 in.	10-16 in.
Size	00	0	1
Per doz.			

SUPERIOR RED SABLE BRUSHES No. 22

For Paste Work, Enamel and Outlining
Round Polished Handles, Nickel Plated Ferrules

Size	00 (Dresden style)	0	1	2	3
Per doz.					

SUPERIOR RED SABLE BRUSHES No. 23—ROUND OR FLAT

For Paste Work, Enamel and Outlining
Round Polished Handles, Nickel Plated Ferrules

Size	00	0	1	2	3
Per doz.					

CAMEL HAIR ENAMEL FLOATERS No. 23B

For Enamel and Paste Work, Outlining, Etc.



Length of Hair	$\frac{5}{8}$ in.	$\frac{3}{4}$ in.	1 in.
Size	1	2	3
Per doz.			

SUPERIOR CAMEL HAIR DUSTERS No. 25

Wire Bound Quills, Wood Handles, Round or Square

Size 12



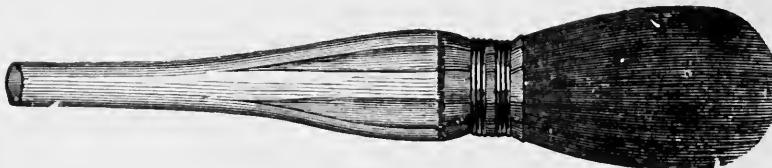
Size	2	4	6	8	10	12	14	16	18	20	24	30	36
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Per doz.

SUPERIOR CAMEL HAIR DUSTERS No. 26

Split Quills, Wire Bound, Round or Square

6 Quills



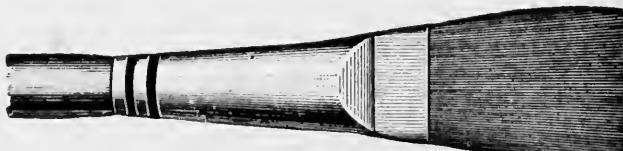
Size	2	3	4	5	6	8	quills
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Per doz.

SUPERIOR CAMEL HAIR LACQUERING BRUSHES No. 27

Tin Ferrules, Wood Handles

5/8 inch



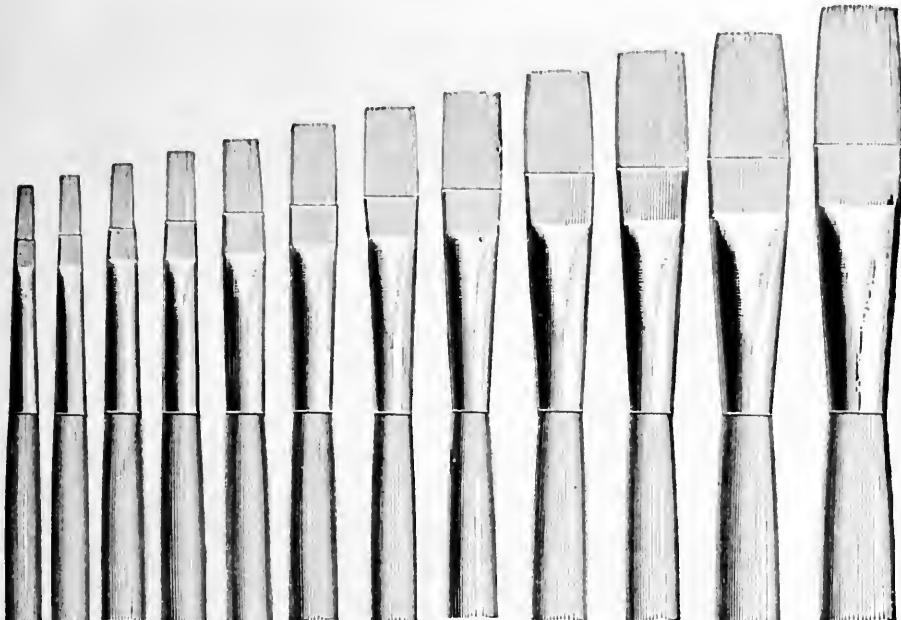
Round, Size	1	2	3	4	5	6
Flat, Width Inches	3/8	1 1/2	5/8	3/4	7/8	1

Per doz.

SUPERIOR FRENCH OXHAIR BRUSHES No. 28

For Underglaze Painting and Glass Staining, Round or Flat

Tin Ferrules



Size.....	1	2	3	4	5	6	7	8	9	10	11	12
Per doz.....												

SUPERIOR FRENCH BRISTLE BRUSHES No. 29

(See Illustration above)

For Underglaze Painting and Glass Staining, Round or Flat

Tin Ferrules, Wood Handles

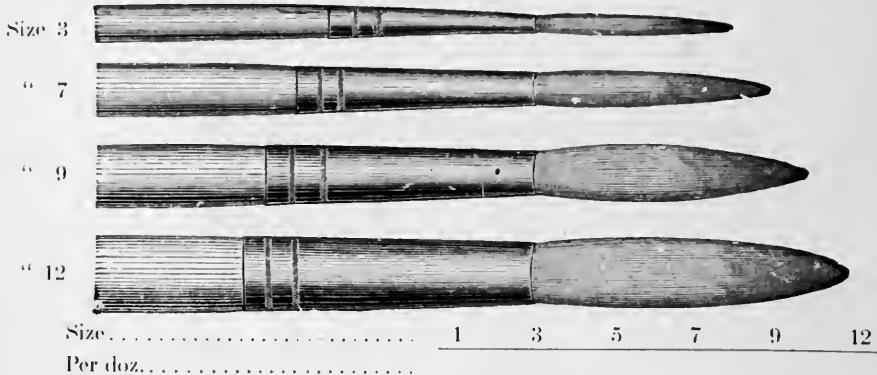
Size.....	1	2	3	4	5	6	7	8	9	10	11	12
Per doz.....												

EXTRA LARGE SIZES

Round, Size.....	14	16	18	20	24
Flat, Width.....Inches	1 $\frac{1}{2}$	3 $\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per doz.....					

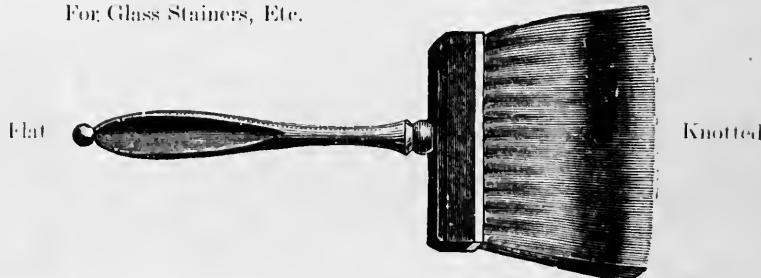
SUPERIOR FRENCH OXHAIR BRUSHES No. 30

**For Underglaze Painting and Glass Staining, Very Pointed,
Tin Ferrules, Wood Handles**



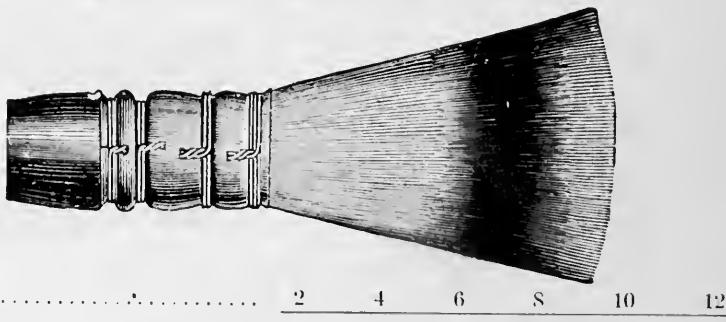
FLAT BADGER BLENDERS No. 31

For Glass Stainers, Etc.

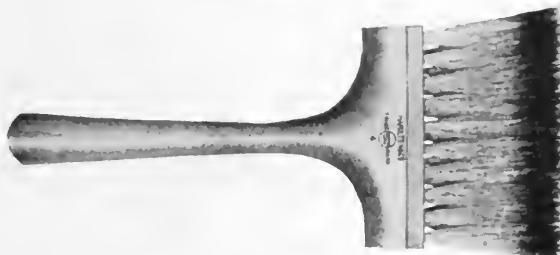


ROUND BADGER BLENDERS No. 32

For Glass Stainers—Wire Bound Quills, Polished Handles



ENGLISH BADGER BLENDERS

Pure Badger Hair Throughout, Rubber Set
For Glass Stainers

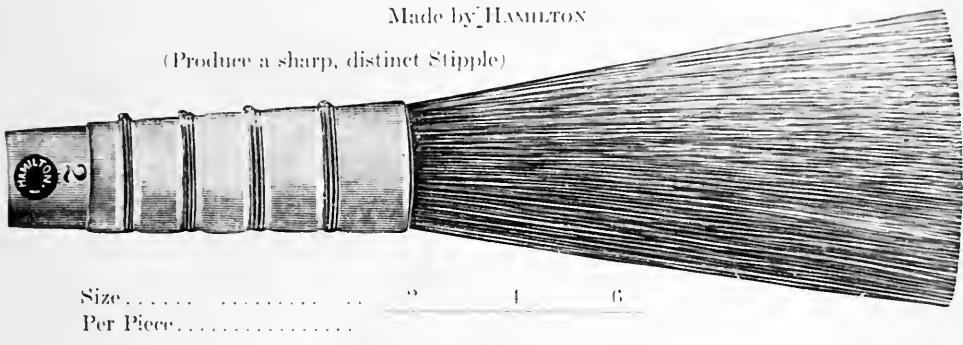
Size No. 2 3 in. No. 3 3 1/2 in. No. 4 4 in.

No. 31A, First Quality Per Piece
No. 31B, Second Quality

ENGLISH GLASS STAINERS' STIPPLERS No. 32A

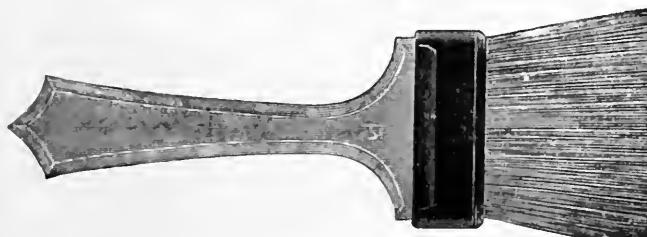
Made by HAMILTON

(Produce a sharp, distinct Stipple)

Size 2 4 6
Per Piece

ACID RESISTING BRUSHES No. 37

Set in Rubber, Camel Hair, Flat Wood Handles

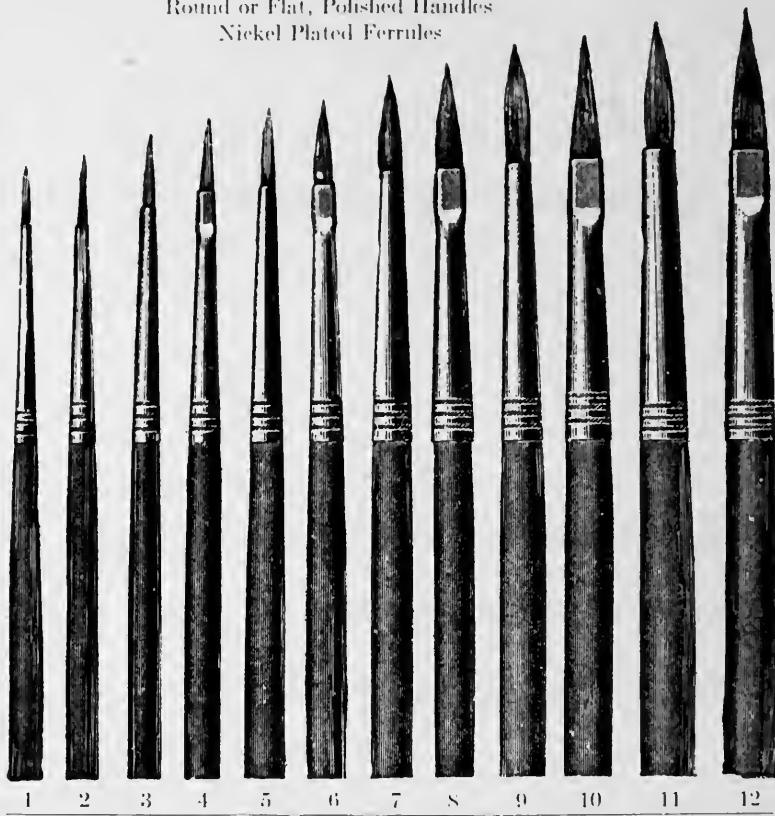
Width Inches 1 9/16 1 1 1/2 2 2 1/2 3 3 1/2 4
Per doz.

We can also furnish Acid Resisting Brushes in fitch, bristle, and badger hair

ARTISTS' RED SABLE BRUSHES No. 33

Round or Flat, Polished Handles

Nickel Plated Ferrules



Size . . .

1 2 3 4 5 6 7 8 9 10 11 12

Per doz.

ARTISTS' RED SABLE RIGGERS No. 34

Polished Handles, Nickel Plated Ferrules, Round



Size

1 2 3 4 5 6 7 8 9 10 11 12

Per doz.

WINSOR & NEWTON'S RED SABLE RIGGERS No. 34A

12-Inch Red Polished Handles



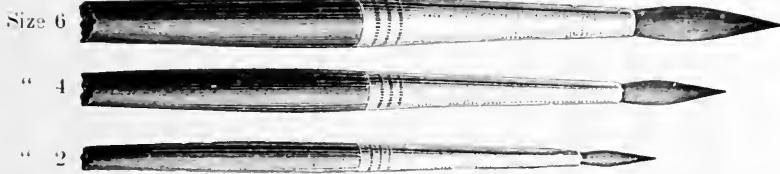
Size	0	1	2	3	4	5	6
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Per doz.

ARTISTS' RED SABLE BRUSHES No. 35

For Water Color Painting

Polished Handles, Nickel Plated Ferrules, Round or Flat

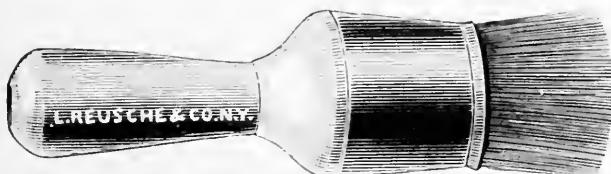


Size	0	1	2	3	4	5	6	8	10	12	14	16	20
----------------	---	---	---	---	---	---	---	---	----	----	----	----	----

Per doz.

DECALCOMANIA RUBBING BRUSHES No. 1999

The handle is shaped according to grip; the bristles are tightly mounted, forming a solid smooth surface.



Size	1, 1 1/2 in. diam.	2, 1 in. diam.
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Per doz.

WINSOR & NEWTON'S ARTISTS' RED SABLE BRUSHES

Round or Flat



No. 35A In polished **Ebony handles** stamped in gold Winsor & Newton, Ltd.

Size.....	0	1	2	3	4	5	6	7
Per doz.....								

No. 35B In polished **Walnut handles** stamped in gold Winsor & Newton, Ltd.

Size.....	00	0	1	2	3	4	5	6	7	8	9	10	11	12
Per doz.....														

CEDAR PENCIL STICKS FOR QUILL PENCILS No. 38

No. 38/1 6½ in. long, thin, for Traceers and Letterers, per doz.

No. 38/2 6½ in. long, assorted thickness " "

Oils and Mediums

No.		per 1 oz. bot.	pint	gal.
1900.	Genuine Dresden Thick Oil.....			
1900A.	Elarco 100% Pure Fat Oil of Turpentine.....			
1901.	Lacroix Fat Oil of Turpentine.....			
1902.	Fat Oil of Turpentine, best.....			
1902A.	French Fat Oil.....			
1903.	Medium for Painting.....			
1904.	Medium for Enamel.....			
1905.	Medium for Paste for Raised Gold.....			
1905A.	Outlining Medium.....			
1906.	Tinting Oil.....			
1906A.	Diluting Medium for Pen Work.....			
1907.	Spraying Oil, will not cause colors to craze or crack.....			
1908.	Balsam of Copaiiba, extra prepared.....			
1909.	Balsam of Copaiiba, No. 2.....			
1910.	Oil of Copaiiba.....			
1910A.	Oil of Sassafras.....			
1910B.	Oil of Myrbane.....			
1911.	Venice Turpentine.....			
1912.	Spirits of Tar.....			
1913.	Oil of Tar.....			
1914.	Balsam of Fir.....			
1915.	Aniseed Oil.....			
1916.	Clove Oil.....			
1916A.	Lavender Oil, X.....			
1917.	Lavender Oil, XX.....			
1917A.	Lavender Oil, XXX.....			
1918.	Poppy Oil, pure.....			
1919.	Rape Seed Oil, pure.....			
1919A.	Linseed Oil, boiled.....			
1920.	English Grounding Oil.....			
1921.	Special Grounding Oil.....			
1921A.	Dusting or Grounding Oil, ready for use.....			
1922.	Stamping Oil.....			
1923.	Printing Oil, best.....			
1924.	Asphalt Varnish for etching.....			
1925.	Copal Varnish.....			
1926.	Damar Varnish.....			
1926A.	Mastic Varnish.....			
1927.	White Spirit Varnish.....			
1928.	Rectified Spirits of Turpentine.....			
1930.	Taking Out Oil.....			

If you want to avoid trouble

USE ONLY THE

“Elarco Gold Facilitator”

For Thinning and Mixing your Roman Gold, Silver, Etc.

To use Turpentine for thinning your gold, etc., is unreliable; Lavender Oil is better, but evaporates too quickly and will not facilitate or be a help to you in covering large surfaces or to do satisfactory banding.

The “Elarco Gold Facilitator” will dissolve any gold quickly and will make same flow evenly from the brush, facilitating banding and covering large surfaces. We can also recommend it as a painting medium for colors. It will be a welcome addition to your outfit.

No.		per 1 oz. bot.	pint
1569.	Elarco Facilitator.....		

ENGRAVERS' TOOLS

No.
2220

2222



Engraving Needle

2224



Roulette for Skies, Etc.

each

2220. Steel Etching Needle, Ebony Handle, various sizes.....
 2222. Engraving Needles, long Wood Handles.....
 2224. Roulettes for Skies, etc., various, No. 25 to 33.....
 2226. Roulettes for Tinting, various, No. 1 to 10.....
 2227. Roulettes for Dotting.....

Etching Materials

No.

2229. Etching Ground, prepared ready for use.....per lb.
 2230. Black Stopping-Out Varnish, ready for use....."
 2231. Walling Wax in Cakesper cake
 2231A. Dragon's Bloodper lb.
 2235. Asphaltum, special prepared in Turpentine"
 2236. Syrian Asphaltum in lumps"
 2236A. Egyptian Asphaltum in lumps"
 2236B. Egyptian Asphaltum, Powder"
 2237. Burgundy Pitch in lumps"
 2238. Pure Beeswax, yellow"
 2238A. Pure Beeswax, white"
 2239. Best Paraffine"
 2240. Stearine"
 2240A. Rosin, Lumps"
 2240B. Rosin, Powder"
 2241. Spermaceti"
 2242. Russian Tallow"
 2243. Stockholm Tar"
 2244. Lamp Black, Germantown"
 2245. Rubber Glovesper pair
 2005. Hand Hammered Copper Plates for engraving.....per square inch
 2006. Finely Finished Steel Plates for etching.....per square inch
 1699A. Etching Powder for Dry Etching on Glass.....per lb. per oz.
 1699B. Stamping Oil for Dry Etching on Glassper lb. per bot.

Prepared Acid Resists

For China and Glass Etching

ACID RESIST—PASTE FORM

Directions: Remove from jar as much as needed and thin with Turpentine until it works easily from the brush. A slight warming is preferable to an over addition of turpentine. Paint all the parts which are not to be etched and when thoroughly dry pour over it or place the article into the prepared Etching Liquid and let it remain about 5 minutes. Remove all traces of Acid as well as Acid Resist with a solution of Soda dissolved in warm water. It is advisable, before applying the Gold or Silver, to fire the article in order to destroy all traces of Acid. In using Acid wear rubber gloves.

No. 1572 Per oz. per lb.

ACID RESIST—POWDER FORM

For Stamping and Printing

Follow directions for stamping as described on page 77, and dust with Acid Resist. Heat until it dries with a gloss. For printing, use Stamping Oil and dust with Acid Resist and heat as above. For Stamping Oil, see page 71.

No. 1572A Per oz. per lb.

ACID RESIST—LIQUID FORM

For Painting

Warm slightly and paint all parts not to be etched and follow directions as for No. 1572.

No. 1572B Per oz. per lb.

ACID RESIST—PASTE FORM

For Direct Printing

Directions: Slightly warm Acid Resist to facilitate easy working and spread it with No. 1996 Plate Scraper over the also warmed engraved plate, removing all surplus resist with the Plate Scraper.

Printing Paper should be cut to size of plate, evenly stacked, and kept saturated with Soft Soap solution (a handful No. 1968 Soft Soap to a pail of water) using a wide soft brush. A sheet of this wet paper is then brushed down over the engraved plate with stiff Bristle brush or our No. 1999 Rubbing Brush. When the paper is removed it takes with it all the Acid Resist from the engraving.

The Prints are then cut to size and rubbed down with a rubbing brush on the article to be printed. To remove paper, again saturate with water and carefully lift off.

Our Acid Resist for Printing is highly recommended as it not only comes clean from the plate, but also prints the finest of lines and is free of pin holes. After etching, the Resist is easily removed from the ware.

No. Per oz. per lb.
1572C. Violet
1572D. Black

Printers' Sundries

LAMB'S PRINTING TISSUE PAPER

No.		Per ream
1940.	Double Crown 20 x 30 inches.....	
1941.	Imperial 28 x 28 "	
1943.	Extra Size 16 x 28 "	
1944.	Extra Size 16 x 32 "	

Any other size cut to order and price will be charged at the rate of size 20 x 30 in.

1955.	In Rolls of about 22 lbs., 13½ and 13¾ inches wide.....	per lb.
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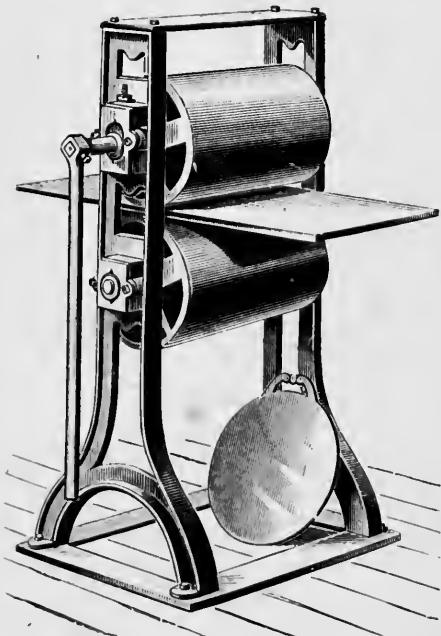
(Any other size cut to order)

SPECIAL PRINTING PAPER FOR ETCHING

No.		Per ream
1956.	Double Crown 20 x 30 inches.....	
1956A.	Extra Size 18 x 23 "	
1956B.	Extra Size 20 x 24 "	

(Any other size cut to order)

In printing from engraved plate, constant difficulty arises with pin holes in the prints which are caused by the paper being porous. The above tissue has been carefully made, with a view to avoiding the necessity for retouching of bad prints, and assures perfect impressions.



No. 2002
DECORATORS' PRINTING PRESS
For
Steel and Copper Plate
Printing

Complete with Table and Baxton . . . each

Furnished equipped with 12 in. Rolls and Table. The lower Roll is mounted on stationary bearings and the upper one on adjustable bearings in order to enable the operator to maintain the desired pressure.

BEST POTTERS' PRINTING FLANNEL

1965. Per yard, 31 inches wide.

1966. Per yard, extra heavy, 31 inches wide.

Special price on rolls of 45 yards

CROWN SOFT SOAP

1968. Per quart jar. Per gallon

Per firkin, containing 75 lbs., per lb., per bbl. (about 350 lbs.), per lb.

IMPROVED ENGLISH PRINTERS' WOODEN MULLERS

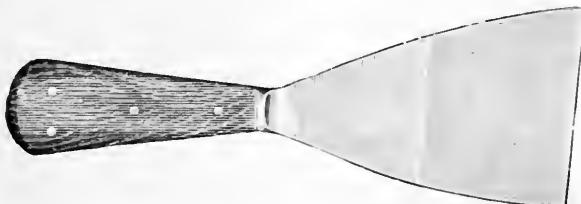
Also very good for lawning dry colors in place of Glass Muller

1991. Height, 3 $\frac{3}{4}$ in., surface, 2 $\frac{3}{4}$ in. per piece**IMPROVED PRINTERS' KNIVES**

Sheffield Make

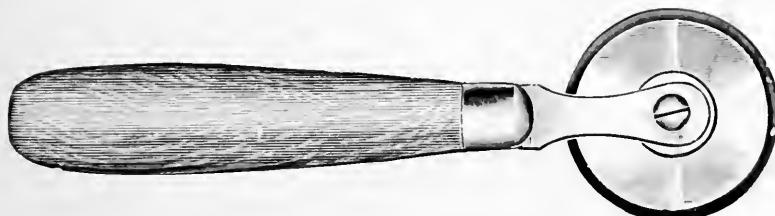
1990. Length of blade, 8 $\frac{1}{2}$ in., width of blade, 2 in. per doz.**PRINTERS' AND GILDERS' PLATE SCRAPERS**

Riveted Handles, Steel Blades

Width of blade. Inches 2 2 $\frac{1}{2}$ 3 3 $\frac{1}{2}$ 4 4 $\frac{1}{2}$ 5

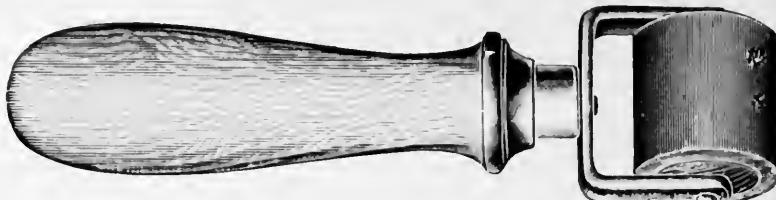
1996. Stiff (for Printers) Per doz.

1996A. Flexible (for Gilders) Per doz.

PRINTERS' PAPER ROLLER CUTTERS

1997. Circular Blade, 2 inch. Per doz. Per piece

Decorators' Sundries
RUBBER COVERED ROLLERS



No.	Per doz.	Per piece
1998. Width of Roller, 2 inch		
1998A. " " " 4 inch		

DECALCOMANIA RUBBING BRUSHES

The handle is shaped according to grip; the bristles are tightly mounted, forming a solid smooth surface. These brushes in constant use will last from 2 to 3 months.



Size...	1, 1½ in. diam.	2, 1 in. diam.
1999. Per doz.		

CHAMOIS SKINS—Very Soft

2011. Per kip (30 skins)	per skin
For making pounces, polishing Roman Gold, Rubbing Decale and for Potters' use.	

DUPLEX CHROMO-LITHOGRAPHIC PAPER FOR
DECALCOMANIA

1960. Size 20 x 26 inches	per ream	per quire
1961. Size 24 x 32 inches	per ream	per quire
(Any other size to order)		

DECALCOMANIA VARNISH OR SIZE FOR OVERGLAZE

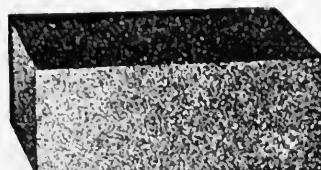
2010. Per pint	Per gallon
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DECALCOMANIA VARNISH OR SIZE FOR UNDERGLAZE

2010A. Per pint	Per gallon
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SPONGE RUBBER For Decorators' and Potters' Use

Cushions for

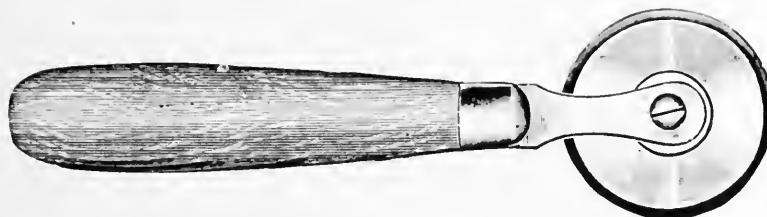


Rubber Stamps

In sheets of about 20 inches square

No. 2192. 3 $\frac{1}{8}$, 4 $\frac{1}{2}$, 5 $\frac{1}{8}$, 3 $\frac{3}{4}$, 7 $\frac{1}{8}$ or 1 inch thick..... Per lb. Per oz.

AIR CUSHIONED STAMPING WHEELS



No. 2003. Air Cushion Wheels without Handles..... Per piece

COMPOSITION RUBBER IN SHEETS For Stamping

2000. Furnished in any size, thickness and softness..... Per lb.

COMPOSITION RUBBER IN TRAYS

2000A. Large Tray, 12 $\frac{1}{2}$ x 12 $\frac{1}{2}$ x 1 in. deep..... per Tray complete
Composition should be removed on receipt and replaced in tray with reverse side up.

COMPOSITION RUBBER ROLLER

No. 2000B. Composition Rubber Roller, 4 inches wide..... Per piece

In order to produce clean sharp impressions in stamping: Cover a glass slab with an even film of No. 1922 Stamping Oil and roll the No. 2000B Composition Roller over the oiled surface until the roller is evenly coated; after which roll same over the No. 2000 Composition Rubber pad until it is thinly and evenly covered. Stamp from this oiled surface and dust with color or powder gold.

We recommend No. 1922 Stamping Oil as it will permit immediate dusting without spreading. It will also retain sufficient stickiness for dusting, after standing several hours.

DUSTING TRAY—Detachable Cover

No. 2014. For Dry Colors, size 12 $\frac{1}{2}$ x 12 $\frac{1}{2}$ x 1 inch deep..... Per piece

GOLD STAMPING TRAY—Detachable Cover

No. 2014A. For Bright Gold; containing 12 x 12 inch Ground Glass Slab..... Per piece



PATENT AUTOMATIC RESPIRATOR

(Protecting the throat and lungs from dust)

No. 2010B. per piece

The air is inhaled through a thin wet sponge, and exhaled through an automatic valve in the side. They are manufactured of the best white rubber. After using a while, upon removing the sponge and rinsing, the wearer will readily be convinced of its great value when he sees what the sponge has absorbed.

SILK LAWN OR BOLTING CLOTH—For Lawning Powder Colors and Potters' Use

No.		No. 18 fine	No. 14 medium	No. 10 coarse
-----	--	-------------	---------------	---------------

2015. 40 in. wide, per yard.

WIRE LAWN—For Lawning Colors, Etc.

fine (150 mesh)	medium (100 mesh)	coarse (70 mesh)
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2017. Per square foot.

WIRE LAWN SIEVES—For Lawning Colors

(Furnished in 100 mesh if not otherwise specified)

2018. Each.

6 in.	8 in.	10 in.	12 in.
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WEDGWOOD MORTAR AND PESTLE

Guaranteed

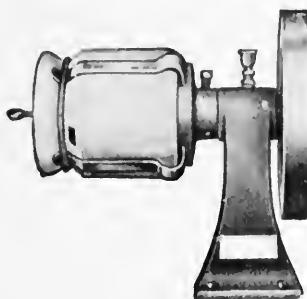
Acid Proof



2020. Inches across top. 3 4 5 6 8 10 12
Each.

Grinding and Mixing Mills
FOR DRY AND WET GRINDING

Single Jar

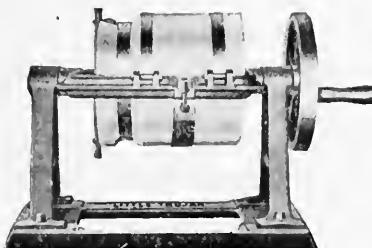


Sample Mill

No.		Each
2301.	Single Sample Mill (will grind $1\frac{1}{4}$ oz. to $1\frac{1}{2}$ lbs. color),	Each
2302.	Double Sample Mill (will grind $1\frac{1}{4}$ oz. to $1\frac{1}{2}$ lbs. color per jar)	"
2303.	Quintuple Sample Mill (will grind $1\frac{1}{4}$ oz. to $1\frac{1}{2}$ lbs. color per jar)	"
2304.	Porcelain Jar only	"
2305.	Cover only	"
2306.	Gasket	"
2307.	Crossbar	"
2308.	Pebbles	Per Charge

(Speed of mill, 80 revolutions to the minute)

Single Jar



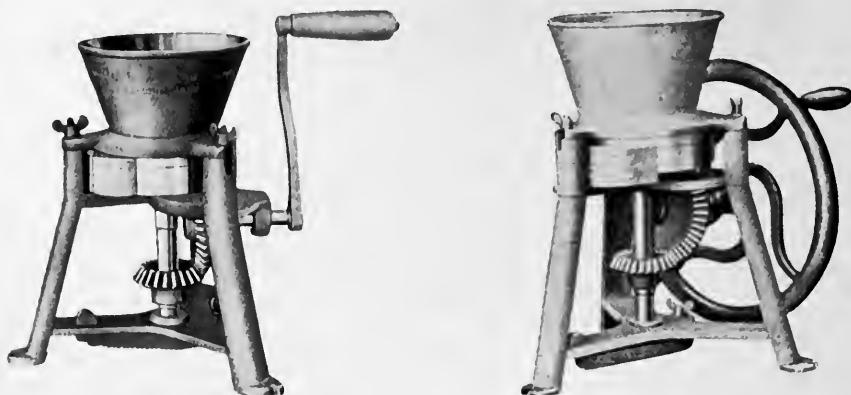
Assay Mill

No.		Each
2310.	Single Assay Mill (will grind 1 oz. to 5 lbs. color)	Each
2311.	Double Assay Mill (will grind 1 oz. to 5 lbs. color per jar)	"
2312.	Porcelain Jar only	"
2313.	Cover only	"
2314.	Gasket	"
2315.	Crossbar	"
2316.	Neckband	"
2317.	Pebbles	Per Charge

(Speed of Mill, 60 revolutions to the minute)

All of the above Mills can be furnished with either handwheel pulley or with tight and loose pulley, or with motor.

**Grinding and Mixing Mills
FOR WET GRINDING**



No.

Each

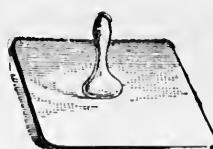
2022.	Size 4, Iron Hopper, one quart capacity, with crank.....	
2022A.	Size 3, Iron Hopper, two quart capacity, with crank.....	
2022B.	Size 2, Iron Hopper, four quart capacity, with crank.....	
2023.	Size 4, Bronze Hopper, one quart capacity, with crank.....	
2023A.	Size 3, Bronze Hopper, two quart capacity, with crank.....	
2023B.	Size 2, Bronze Hopper, four quart capacity, with crank.....	
2023C.	Tight and Loose Pulley Stand for Sizes 2 and 3.....	

Should make 50 Revolutions per minute.

For White Enamel, Carmines and Rubies use Bronze Mill.

GROUND GLASS SLABS, Extra Thick

Ground on Both Sides



Rounded Corners

2028.	Inches square.....	1	6	8	10	12	14	16	20
	Each.....								

GROUND GLASS MULLERS

2029.	Inches in diameter.....	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2
	Per piece.....				

Larger sizes from 2 in. to 6 in. diameter, per lb.

ARTISTS' STEEL PALETTE KNIVES

Sheffield Make, Cocoa Handle



No.

2034.	Inch blade	<u>2$\frac{1}{4}$</u>	3	<u>3$\frac{1}{2}$</u>	4	<u>4$\frac{1}{2}$</u>	5	6
	Per doz.							

ARTISTS' STEEL PALETTE KNIVES

American Make, Ebony Handle

2034A.	Inch blade	<u>2$\frac{1}{4}$</u>	3	<u>3$\frac{1}{2}$</u>	4	<u>4$\frac{1}{2}$</u>	5	6
	Per doz.							

PAINTERS' PALETTE KNIVES—Stiff, Broad Point



2036.	Inch blade	<u>3</u>	4	5	6	8	10	12
	Per doz.							

PAINTERS' PALETTE KNIVES—With Rest



2036A.	Inch blade	<u>3</u>	4	5	6	8	10	12
	Per doz.							

ARTISTS' STEEL PALETTE KNIVES—German Shape



2037.	Inch blade	<u>2$\frac{1}{4}$</u>	3	<u>3$\frac{1}{2}$</u>	4			
	Per doz.							

ARTISTS' ALL STEEL PALETTE KNIVES



No.		Per doz.
2038.	7 inches long	

ARTISTS' HORN PALETTE KNIVES

German Shape, like No. 2038

2039.	Inches long	3½	4	5	6	7½	9
	Per doz.						

WOOD PALETTE KNIVES

For White Enamel, Etc.

2040.	German shape, S in. long (see Illustration No. 2038)	Per doz.
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SELECTED STEEL COLOR ERASERS, ETC.



No. 2045



No. 2042



No. 2043



No. 2048

Per piece Per doz.

2042.	Curved Eraser, 1½ in. curved steel, pol. handle
2043.	Curved Eraser, with erasing pin, pol. handle
2045.	Erasing Knives, 1¾ in. blade, pol. handle
2048.	Erasing Pins, 1¾ in. pin point, pol. handle
2050.	Ebony Wood Tracers, 6½ in. long

STENCIL KNIFE



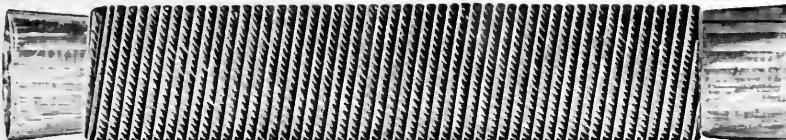
Per doz

2042A.	Double edged steel blade, 5 in. long
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Imported Glass Brushes

For Burnishing Matt Gold

Elareo Glass Brushes are celebrated throughout Europe and America on account of their softness and fineness as well as their lasting quality, and are GUARANTEED NOT TO SCRATCH. They are paper wrapped between glass and cord.



Actual size and thickness of No. 2, 4 in. long

No.	Size.....	1	2	3	4
2053.	Thickness inch.....	1 1/2	3 1/4	1	1 1/4
	8 in. long, per doz.....				
	4 in. long, per doz.....				

BEST ENGLISH BURNISHING SAND

Per lb. Per oz.

1555. For Scouring Gold.....

This imported sand is white and free of dust, has no sharp edges to mar the surface of the gold and being free of alkali will not stain or leave a smudge.

POCKET AGATE TRACERS



For Illuminating and Burnishing Gold



Per piece Per doz.

2054. Mounted in German Silver.....

Notice.—The Agate is tightly inserted in a nickel ferrule. The two parts have screw joints which hold them securely together, either while in use or closed for the pocket.

AGATE BURNISHERS AND ILLUMINATORS

Mounted in Brass Ferrules, Long Handles

Per piece

2056. Straight point No. 10, 11, 12, 13.....

Curved point No. 37, 43, 44, 45, 46.....

BLOOD STONE BURNISHERS

Brass Ferrules, Long Handles

2057. Straight point..... No. 1 2 3 4 5 6

Each.....

Slant point..... No. 18 19 20 21 22 23

Each.....

Per lb. Per oz.

2058. Burnishers' Putty.....

For cleaning and polishing Burnishers

Decorators' Banding Wheels



No. 2065

No.		Each
2065/1.	Steel disk, 6 1/2 in. diameter, 5 1/2 in. high	
2065/2.	Steel disk, 8 1/4 in. diameter, 6 in. high	



No. 2070

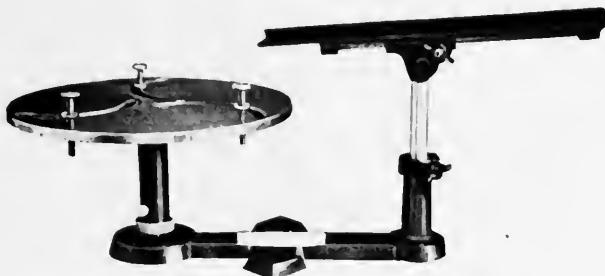


No. 2070A

	Each
2070/1.	Steel disk, 8 in. diameter
2070/2.	Steel disk, 10 in. diameter
2070/3.	Brass disk, 8 in. diameter
2070A.	Self centering steel disk, 12 in. diameter

The above banding wheels are 27 inches high, are adjustable, and can be raised to 38 inches.

SELF-CENTERING BANDING WHEEL

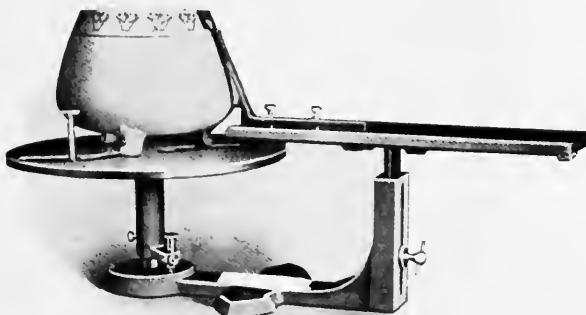


No. Each
2072A. Self-centering banding wheel, disk 12 in. diameter.

This banding wheel is recommended for amateur decorators as it assures accuracy, and simplifies banding.

It has an adjustable wooden arm rest, which can be regulated for any angle, and can be raised or lowered, or brought closer or further away from the center of the disk.

DIVIDING AND SELF-CENTERING BANDING WHEEL



Each
2072B. Dividing and self-centering banding wheel.

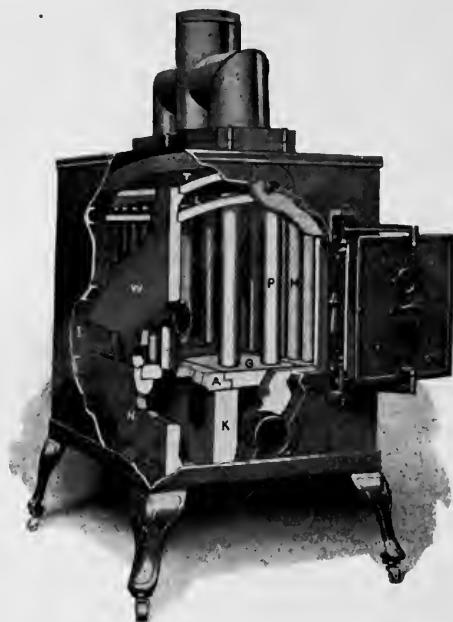
This banding wheel, besides having the self-centering device described under our No. 2072A wheel, has an attachment which enables one to accurately divide the surface of plates, cups and vases into 2, 3, 4, 6, 7, 8, 9, 12, 14, 18, 28, 36 and 56 equal divisions.

The hinged straight edge, attached to the arm rest, makes it possible to draw vertical lines on vases and radical lines on plates.

Keramic Kilns

for

Decorators and Potters

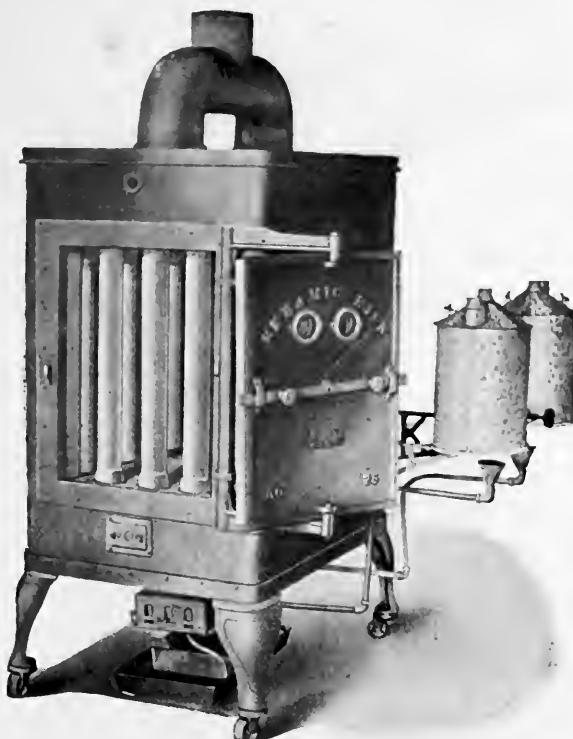


These Kilns are designed with a view of giving the Decorator and the Pottery Manufacturer the best service possible.

As it is the quality of Fire Clay used in its construction, that determines the life of a kiln of this kind, only the very highest grade has been used in making the linings.

Proper design of combustion chamber, and use of removable leak-proof front tubes, make it possible to obtain uniform heat in muffle.

Simplicity of construction makes it easy to replace any muffle part, without the tedious and expensive necessity of removing the entire muffle.



DECORATING KILNS

No.	Inside Muffle Dimensions			Ship. Wt. Lbs.	Each
	Width	Heighth	Depth		
2085/23.....	10 $\frac{1}{2}$	15	24	850	
2085/24.....	14 $\frac{1}{2}$	18 $\frac{1}{2}$	26	1100	
2085/25.....	18	24	30	1500	
2085/26.....	18	24	38	1700	
2085/12.....	15	18	Round	725	

POTTERY KILNS

	Width	Heighth	Depth	Lbs.
2085/101.....	10 $\frac{1}{2}$	15	20	1000
2085/102.....	14	18	22	1475
2085/103.....	18	22	32	2250
2085/104.....	22	25	38	3800
2085/106.....	31	36	48	7900

Gas or Oil Burning Equipment Optional

Focht Gas Kilns

FOR CHINA AND GLASS

Fire Positively Uniform

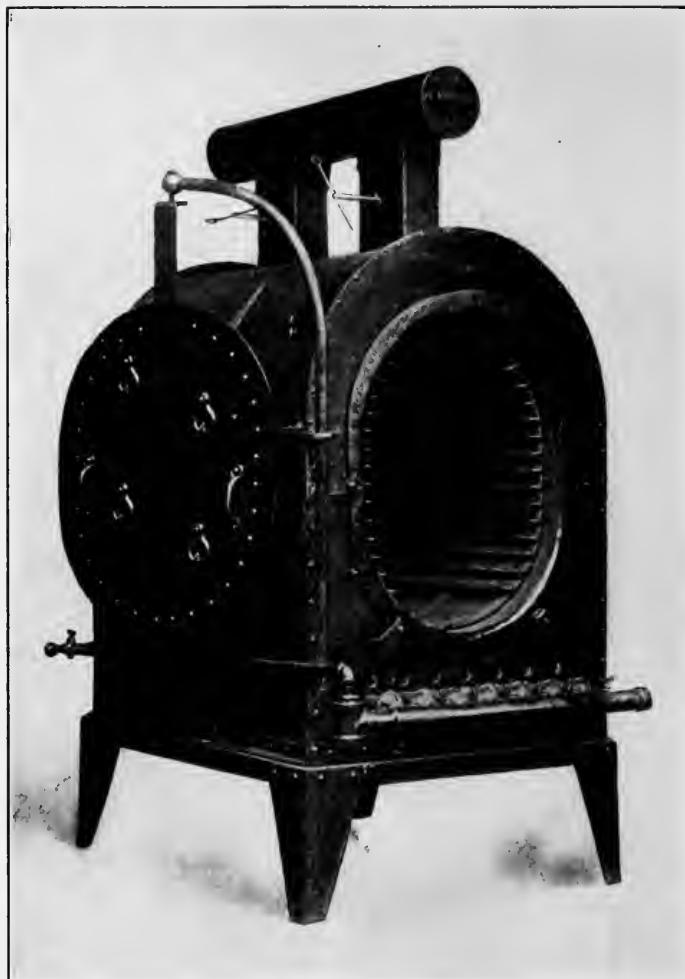


Illustration of Size 3 Focht Kiln

The first Foeht Gas Kiln was built in 1901, and it, at the time, embraced the best ideas in kiln construction. However, since then, through scientific research and through the following-up of suggestions made by users of the Foeht Kiln, many improvements have been made.

Every decorator knows, that uniformity of heat is an absolute necessity in firing glassware. In constructing the Foeht Kiln, this feature was considered the most important, and the manufacturer guarantees that the heat in the kilns can be properly regulated to fire the most delicate glassware without its losing shape by melting down or bending. A kiln full of ware decorated in one color, even Rubies and Pinks, which are known to be extremely susceptible to heat variations, can be fired uniform in shade.

Because of the care taken in designing the Foeht Kiln, there is absolutely no loss of heat; in fact, when the muffle has been heated to the desired degree, the outside of the kiln is cool enough to permit touching. This is good proof that there is no loss of heat, and means a minimum cost of fuel.

Coming into direct contact with intense heat, the firing pot or muffle of a kiln must be ready to face the severest test of endurance. Realizing this, and knowing that the life of the kiln depends upon the ability of the firing pot to withstand the action of heat, the manufacturers of the Foeht Kiln have used the finest grade of heat-withstanding steel in constructing the muffle of their kiln, thereby insuring maximum service.

The great number of users and the vast number in daily operation attest to the merit of Foeht Kilns.

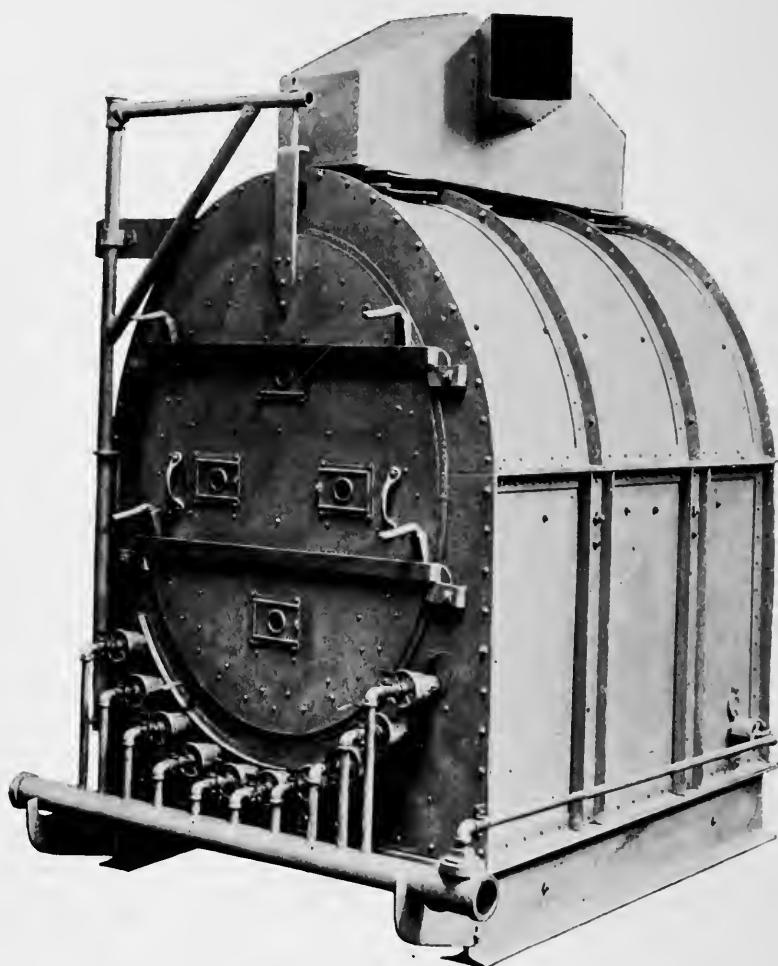


Illustration of Size 4 Foehl Kiln

Focht Gas Kilns

SPECIFICATIONS

No.
2086.

SIZE	A	B	1	2	3	4	5
WIDTH OF MUFFLE	12"	14"	16"	22"	28"	42"	42"
HEIGHT OF MUFFLE	16"	20"	24"	30"	36"	54"	54"
DEPTH OF MUFFLE	18"	22"	30"	36"	42"	60"	72"
NUMBER OF SHELVES	5	5	6	6	6	8	8
NUMBER OF BURNERS	4	5	5	6	7	10	10
SIZE OF GAS PIPE REQUIRED	1"	1 1/4"	1 1/2"	2"	2"	3"	3"
APPROXIMATE GAS CONSUMPTION PER CU. FT. PER HR.	450	500	600	650	700	1500	1800
SHIPPING WEIGHT	650	800	1600	2700	3600	8900	9050
PRICE F.O.B. N.Y.C.							

Glass Stainers' Flash Kiln

FOR FLAT GLASS WORK



This Kiln is especially adapted for firing Ornamental Flat Glass Work, and is used by the leading artists in preference to the Muffle Kiln, as much less time is required for firing.

No.	Width of Muffle	Depth of Muffle	Total Height	Floor Space	Max. Gas Consumed Cu. ft. pr. hr.	Price F. O. B. N. Y.
2084/1	24 inch	24 inch	48 inch	30 x 28 inch	300	
2084/2	24 inch	36 inch	48 inch	30 x 40 inch	450	
2084/3	30 inch	42 inch	50 inch	36 x 46 inch	700	
2084/4	30 inch	60 inch	50 inch	36 x 64 inch	1000	

PYROMETERS

We recommend this instrument especially where delicate glassware is being fired. Information gladly furnished on application.

SEGER CONES

Heat Indicators

No.	Per Piece	Per Box of 10	Per Box of 50
2221. Cones			
2232. Cone Stands or Sockets	Per Piece	Per 100	

Cones should be placed in different parts of the kiln, in such positions, as to be visible thru the holes provided for the purpose. It is recommended to use three cones of different numbers in each position, so that the lowest number, will indicate that the heat is approaching the degree to which it should be fired; the middle number will indicate the degree of heat desired, while the third number will show, by remaining erect, that the kiln is not over-fired.

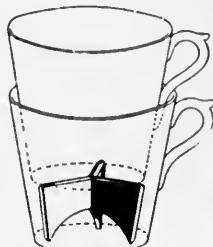
CONES AND CORRESPONDING TEMPERATURES

Cone No.	°Cent.	°Fahr.	Cone No.	°Cent.	°Fahr.	Cone No.	°Cent.	°Fahr.
022	590	1094	02	1110	2030	19	1510	2750
021	620	1148	01	1130	2066	20	1530	2786
020	650	1202	1	1150	2102	21	1550	2822
019	680	1256	2	1170	2138	22	1570	2858
018	710	1310	3	1190	2174	23	1590	2894
017	740	1364	4	1210	2210	24	1610	2930
016	770	1418	5	1230	2246	25	1630	2966
015	800	1472	6	1250	2282	26	1650	3002
014	830	1526	7	1270	2318	27	1670	3038
013	860	1580	8	1290	2354	28	1690	3074
012	890	1634	9	1310	2390	29	1710	3110
011	920	1688	10	1330	2426	30	1730	3146
010	950	1742	11	1350	2462	31	1750	3182
09	970	1778	12	1370	2498	32	1770	3218
08	990	1814	13	1390	2534	33	1790	3251
07	1010	1850	14	1410	2570	34	1810	3290
06	1030	1886	15	1430	2606	35	1830	3326
05	1050	1922	16	1450	2642	36	1850	3362
04	1070	1958	17	1470	2678	37	1870	3398
03	1090	1994	18	1490	2714	38	1890	3434

CONES SUGGESTED FOR CERAMIC INDUSTRY

022	Colors and Fluxes for Glass	03	Easy Earthenware Biscuit
021	Colors and Fluxes for Glass	02	Hard Earthenware Biscuit
017	Enamels for Cast Iron and Copper	4	Granite Biscuit and Soft Brick Glazes
015	Colors (Light Fire)	7	English China Biscuit, Hard Brick Glaze (Fusing Point of Felspar)
013	Colors (Regular Fire)	9	German and Chinese Porcelain (Fusing Point of Cornwall Stone)
011	Colors (Hard Fire)	12	German and French Hard Porcelain
07	Majolica Colors and Colored Glazes	14	Serves Hard Porcelain
05	Earthenware and English China Glazes	17	Copenhagen Porcelain
04	Hard Earthenware Glazes		

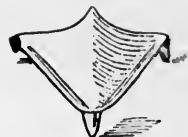
Stacking Sundries



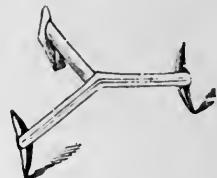
No. 2081



No. 2080



No. 2079



No. 2078

STILTS

Double Point

No.	Size.....	1	3	5	7	9	12
2078.	Per doz.....	..	..	..	..	..	..
	Per gross.....	..	..	..	..	..	..

STILTS

Single Point

No.	Size.....	1	3	5	7	9	12
2078A.	Per doz.....	..	..	..	..	..	..
	Per gross.....	..	..	..	..	..	..

SPURS

No.	Size.....	1	3	5	7	9	12
2079.	Per doz.....
	Per gross.....

DOUBLE POINTED SPURS

2079A.	Diam. 1 in.....	Per doz.....	Per gross.....
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TRIANGULAR BARS OR SADDLES

2080.	Size 1, 6 inches long.....	Per doz.....	Per gross.....
	Size 2, 8 inches long.....		

BUTTERFLY STILTS FOR CUPS

2081.	Size 1, 1 $\frac{1}{4}$ in. high, 1 $\frac{1}{2}$ in. diam.....	Per doz.....	Per gross.....
	Size 2, 1 $\frac{1}{4}$ in. high, 1 $\frac{3}{4}$ in. diam.....		
	Size 3, 1 $\frac{3}{4}$ in. high, 2 $\frac{1}{4}$ in. diam.....		

PLATE THIMBLES

2081A.	Thimbles.....	Per doz.....	Per gross.....
2081B.	Thimble Sockets.....		

Genuine Sheet Platten FOR STACKING IN KILN

No.	Per piece
2082. Sheet 10 in. square, $\frac{3}{16}$ in. thick	(Weight per sheet, $2\frac{1}{2}$ lbs.)

Genuine Imported Sheet Platten are indispensable to the china and glass decorators for stacking their kilns because they will bear considerable weight under extreme heat without cracking or warping, thereby making it possible to utilize all available space in the kiln. Because of the nature of the material, it will not stick to the article being fired, nor will it mark or sear the surface.

Sheet Platten can be readily cut into strips with a hacksaw.

FIRING BOARDS For Stacking China or Glass in Kilns

No.	Per piece
2083A. 8 x 8 in., $\frac{3}{16}$ in. thick, weight about 1 lb.	(Any other size made to order)
2083B. 12 x 12 in., $\frac{3}{16}$ in. thick, weight about 2 lbs.	(Any other size made to order)

Sundries

No.	Per lb.
2087. Asbestos Cement for Lining Kilns (in 10 lb. cans) . . . . .	. . . . .
2087A. Asbestos Fibre . . . . .	. . . . .
2088. Kiln White Wash (mix with water) . . . . .	. . . . .
2089. Fire Clay (mix with water) . . . . .	. . . . .
1935. Cement for mending China	per lb. per oz.
This cement is mixed with water to the consistency of thick paste. Apply to the broken edges of the china and allow the connected article to dry. Fire at Rose color heat.	
1938. Asbestos Cord	Per 6 yd. piece
2171. Emery Cloth, for removing kiln specks from decorated ware	Per sheet

"ELARCO" PREPARED ERASING FLUID (A Diluted Hydrofluoric Acid)

No.	Per oz.	Per lb.
1575. In wax bottles packed in wooden cartons

"DANGER

This fluid will produce burns if it gets on the skin.

(Not responsible for injury through improper handling.)

For removing fired-in Colors, Gold, etc., take a flat pointed Cedar Pencil Stick, dip same in bottle and rub on spots to be removed.

POISON"

NOTE.—In using Acids work with Rubber Gloves.

Improved Spraying Machines



No.

Each

2050. Type X7.....	Size, $\frac{1}{4}$ pint.....
2051. Type X7.....	Size, $\frac{1}{2}$ pint.....
2052. Type X7.....	Size, 1 pint.....
2050A. Glass jar only.....	Size, $\frac{1}{4}$ pint.....
2050B. Jar cap only.....	Size, $\frac{1}{4}$ pint.....
2051A. Glass jar only.....	Size, $\frac{1}{2}$ pint.....
2051B. Jar cap only.....	Size, $\frac{1}{2}$ pint.....
2052A. Glass jar only.....	Size, 1 pint.....
2052B. Jar cap only.....	Size, 1 pint.....

This is a machine made for small as well as large surface spraying. (Regulated by an adjustable needle.) It is strongly constructed so as to withstand the wear and tear of constant use. Can be used for spraying Colors, Lustres, Cold Color Enamels, Lacquers, etc.

Having perfect balance, attained through equal distribution of its weight, and a natural grip, this machine may be easily operated without the tiring effect on the user.

Air Brush



No.		Each
2265.	Type Model M.....	
2265C.	Extra jars.....	

GLASS SPRAYERS

Made in two styles; one for straight work and one for spraying inside hollow pieces like bowls, vases, etc.

This Glass Sprayer will withstand the chemical action of our Mother of Pearl and Orange Iridescent Solutions. (See page 52.)

The Suction Tube can be put in any size or shape vessel.

No.		Per doz.	Per piece
2265A.	Straight Sprayer.....		
2265B.	Interior Sprayer.....		
2096.	Extra Heavy Tin Foil for Stencils, 14 in. wide.....		Per lb.
2097.	Extra Heavy Stencil Paper, prepared for stencils.....		Per sheet
2042.	Stencil Knives for Cutting Stencils.....		Per piece

SPRAY—TINTORINE

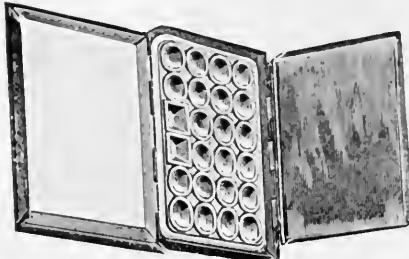
A water preparation for air brush and spray machine work. Colors do not become caked or fat as is the case when mixed with turpentine, nor will they blister when fired.

DIRECTIONS

Use the colors a trifle stiffer than with turpentine and see that the ware is free from grease spots, etc. Do not rush color through sprayer at great speed in tinting; it means an enormous amount of color being blown to waste. Colors should be lawned through 120 mesh. If any color should show a tendency to settle, a pinch of salt stirred into mixture will prevent it.

No.		Per gallon	Per pint
2095A.	Spray-Tintorine.....		

Artists' China Palettes



No. 2059



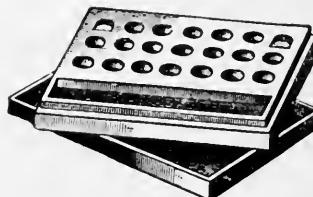
No. 2060A

Artists' China Palette, in japanned tin folding box with ground glass slab attached to outer cover, has 24 extra deep recesses with raised edges to prevent color from running from one recess to another. Recommended for enamel work.

No.	Per piece
2059 1. 2 $\frac{7}{8}$ in. wide, 4 $\frac{1}{8}$ in. long.....	
2059 2. 3 $\frac{3}{4}$ in. wide, 5 $\frac{3}{8}$ in. long.....	
2059 3. 4 $\frac{3}{8}$ in. wide, 6 $\frac{1}{4}$ in. long.....	
2059 4. 6 $\frac{1}{4}$ in. wide, 7 $\frac{1}{4}$ in. long.....	

Artists' China Palette, has 21 extra deep recesses with raised edges. The cover of palette rests over the recesses keeping the prepared colors in perfect condition. The cover forms a very desirable painting and mixing palette. Especially recommended for enamel work.

No.	Per piece
2060A. Size of palette, 4 $\frac{5}{8}$ in. wide, 7 $\frac{1}{2}$ in. long.....	



No. 2060

Artists' China Palette with slant and cover, has 21 recesses.

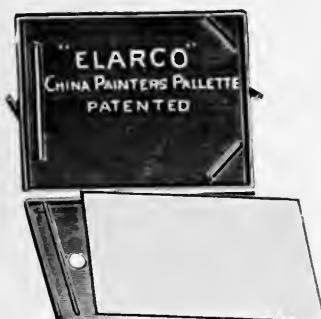
No.	Per piece
2060. Size of palette, 4 $\frac{1}{2}$ in. wide, 7 in. long.....	

WHITE CHINA TILES

These Tiles have a perfect glazed surface on one side and may be used for mixing colors as well as for decorating purposes.

No.	Per piece
2061. Size of tile, 6 x 6 in.....	

China Painters' Palettes



No. 2063A.



No. 2062A

These palettes are made of heavy japanned tin, without objectionable hinges, but are equipped with fasteners at both ends which close them securely. They are practical and indestructible; the glass slabs can be easily removed for cleaning purposes and if broken may be readily replaced.

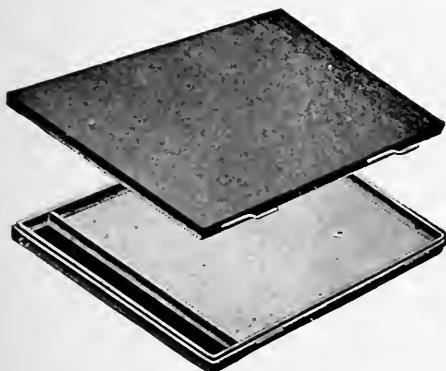
ELARCO PALETTE

No.	Per piece
2063A. Size 9 x 12 inches complete.....	
2063B. Extra glass slab to fit above.....	

HANDY PALETTE

2062A. Size 8 x 10 inches complete.....	
2062B. Extra glass slab to fit above.....	

No. 2062A will fit in our Outfit Boxes, No. 2137C.



No. 2062/1



No. 2063

No.	Per piece
2062 1. Ideal Palette, size 9 x 13 inches.....	
2062 2. Ideal Palette, size 6 x 7 inches.....	
2063. Indestructible Palette, size 9 x 13 inches.....	
2062C. Extra Glass Slab to fit No. 2062/1 and No. 2063.....	

Outfit Boxes
 for
Amateur China Decorators



No. 2137A

These Outfit Boxes are made of hard wood, lock cornered, and highly polished. Will hold—
 15 Vials of Color, 1 oz. Bottle of Oil, 1 Box Gold, 1 Glass Slab 4 x 4 in., Palette Knife, Brushes, etc.

SOLD WITHOUT CONTENTS

No.	Per piece
2137A. Size of Outfit Box, 4 $\frac{1}{2}$ x 9 in.....



No. 2137B

These Outfit Boxes are made of hard wood, lock cornered, and highly polished. Will hold—
 26 Vials, 2-1 oz. Bottles of Oil, 2 Boxes Gold, 1 Glass Slab 6 x 6 in., Palette Knife, Brushes, etc.

SOLD WITHOUT CONTENTS

No.	Per piece
2137B. Size of Outfit Box, 7 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in.....

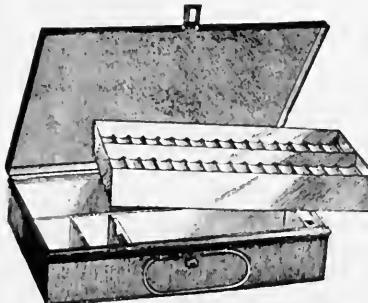


No. 2137D

These Outfit Boxes are made of hard wood, lock cornered, and highly polished. Will hold—26 Vials of Color, 3-1 oz. Bottles of Oil, 2 Boxes of Gold, 1 Handy Palette, Palette Knife, Glass Brush, Brushes, etc. Also has space under color trays for tracings, etc.

SOLD WITHOUT CONTENTS

No.	Per piece
2137C. Size of Outfit Box, 8 $\frac{3}{4}$ x 10 $\frac{3}{4}$ in., without Handy Palette.....	
2137D. Size of Outfit Box, 8 $\frac{3}{4}$ x 10 $\frac{3}{4}$ in., including Handy Palette.....	



No. 2137

These Outfit Boxes are made of heavy japanned tin, arranged to hold colors in Vials and Tubes. No. Each

2137/1.	6 $\frac{1}{2}$ x 11 $\frac{1}{2}$ x 1 $\frac{1}{2}$ inches, 18 divisions.....
2137 2.	8 $\frac{1}{4}$ x 10 $\frac{1}{2}$ x 1 $\frac{5}{8}$ inches, 32 divisions.....
2137 3.	8 $\frac{1}{4}$ x 12 $\frac{3}{8}$ x 1 $\frac{5}{8}$ inches, 40 divisions.....
2137 4.	9 $\frac{1}{2}$ x 13 $\frac{1}{2}$ x 2 $\frac{1}{2}$ inches, 44 divisions (without palette).....
2137 1 $\frac{1}{2}$.	7 $\frac{1}{2}$ x 11 $\frac{1}{2}$ x 2 $\frac{1}{2}$ inches, 18 divisions, with special size palette.....
2137 1/4.	9 $\frac{1}{2}$ x 13 $\frac{1}{2}$ x 2 $\frac{1}{2}$ inches, 44 divisions, contains "Ideal" Palette.....

Bottles and Vials



802



803



807



804



805



808



800



801

Bottles and Vials with Corks

FOR BOTTLING POWDER COLORS, OILS, LUSTRES, ETC.

No.		Per doz.	Per gross
800.	1 oz. Bottles for Oil.....		
800A.	$\frac{1}{2}$ oz. Bottles for Oil.....		
801.	Bottles for Lustre.....		
802.	Vials for Color.....		
803.	Vials for Color.....		
804.	$\frac{1}{2}$ Size Vials for Color.....		
805.	Vials for Liquid Gold.....		
807.	Oil and Color Cups.....		
808.	Non-Tipable Bottles.....		

See cuts on opposite page.

Air-Tight Jars



No. 806 A



No. 806

These jars are the ideal containers for oils and mixed colors or prepared material, which may be necessary to preserve in clean working condition.

They are hermetically sealed with caps which can very readily be removed and replaced by simply applying a slight pressure with thumb or forefinger to the center in removing, and by a slight downward pressure to the sides in replacing. This type of cap, having no screw thread, cannot become loosened, thereby avoiding leakage.

No.		Per doz.	Per gross
806.	1 oz. Air-tight Jars.....		
806A.	$\frac{1}{4}$ oz. Air-tight Jars.....		

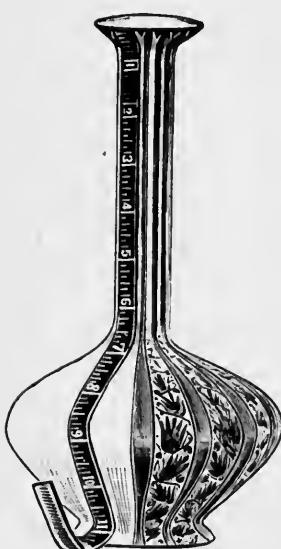
Artists' Sundries



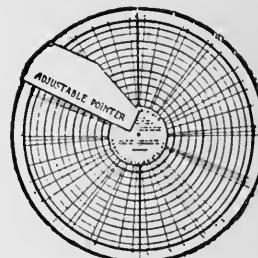
ELARCO PENCILS
For Marking and Designing on China, Glass, Etc.

No.		Per doz. Per gross
2180.	Black.	
2181.	Blue.	
2181A.	Red.	
2181B.	White.	
2181C.	Green.	
2181D.	Yellow.	

We call special attention to the **RED ELARCO PENCIL** for laying out designs on blanks for **GLASS CUTTERS' USE**. Will stand water and handling.



No. 2073B



No. 2074



No. 2074B

No.

2073B. Flexible Ruler, 18 in. long, graduated to $\frac{1}{16}$ in.	Each
2073C. Keramie Gauge for banding and centering plates, etc.	Each
2073D. Extra Leads for Keramie Gauge.	Per box
2074. Improved Plate Spacer (directions with each spacer)	Each
2074A. Improved Plate Divider.	Each
2074B. Campana's Ring Dividers.	Per set
1570. French Gilding Pens for Gold Tracing (one doz. on card)	Per doz.
1570A. Gillott's Crow Quills, No. 659 (one doz. on card)	"
1570B. Gillott's Crow Quills, No. 659, loose in $\frac{1}{4}$ gross boxes	"

FRENCH VEGETABLE TRACING PAPER

Transparent

No.		Per quire	Per sheet
2162.	Telliere, 13 x 17 in.		
2162A.	Ecu, 15 x 20 in.		
2162B.	Raisin, 19 x 25 in.		
2162C.	Jesus, 22 x 28 in.		

ELARCO TRACING PAPER

Transparent, Matt on both sides

2163.	Sheets 15 x 21	Per doz.	Per sheet
2163A.	Rolls 42 in. wide, 20 yards in Roll	Per roll	Per yard

JAPANESE TRACING PAPER

2164.	11 x 15 in.	Per quire
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DRESDEN TRACING PAPER

2165.	Transparent as glass, Sheet 19 x 23 inches	Per sheet
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GRAPHITE TRANSFER PAPER

Very thin, will not Smut

2166.	Sheet 16 $\frac{1}{2}$ x 20 $\frac{1}{2}$ in.	Per doz.	Per sheet
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CARBON TRANSFER PAPER

Blue, Black, Green, Yellow, Purple, White

2167.	Sheet 11 x 18 in.	Per doz.
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WAX FOR FASTENING TRACING AND TRANSFER PAPER

2169.	Size 2 $\frac{1}{4}$ x 5 $\frac{1}{2}$ x 3 $\frac{1}{8}$ in.	Per piece	Per doz.
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TRANSPARENT ADHESIVE GUMMED PAPER

2175.	Reels of 6 yards, per reel	Boxes of 24 reels, per box
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ART GUM. THE DRY CLEANER

2169B/1.	Small, 1 $\frac{1}{8}$ x 1 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in. (one dozen in box)	Per box
2169B/2.	Medium, 2 $\frac{1}{4}$ x 1 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in. (one dozen in box)	"

INKS

2142.	Higgins General Drawing Ink, Black	Per bot.
2143.	Higgins Waterproof Drawing Ink, Black	"
2146.	Winsor & Newton's India Ink, $\frac{1}{2}$ size bot., 1, 1 size bot.	"
2147.	Winsor & Newton's Gold and Silver Ink, $\frac{1}{2}$ size bot., 1, 1 size bot.	"
2148.	Super Lion Head Brand India Ink	Per stick

No. 2135. Winsor & Newton's Moist Water Colors



Whole Pan



Half Tube



Half Pan

SERIES 1

Antwerp Blue	Flake White	Olive Green
Bistre	Gamboge	Payne's Grey
Blue Black	Hooker's Green 1	Permanent Blue
Brown Pink	Hooker's Green 2	Prussian Blue
Burnt Sienna	Indian Red	Prussian Green
Burnt Umber	Italian Pink	Raw Sienna
Charcoal Grey	Ivory Black	Raw Umber
Chrome, Lemon	Kings Yellow	Roman Ochre
Chrome, Yellow	Lamp Black	Sap Green
Chrome, Deep	Light Red	Terra Verte
Chrome, Orange	Mauve	Vandyke Brown
Cologne Earth	Naples Yellow	Venetian Red
Dragon's Blood	Neutral Tint	Yellow Lake
Emerald Green	New Blue	Yellow Ochre

Whole Tubes and Pans. Per doz.
 Half Tubes and Half Pans. "

SERIES 2

Alizarin Crimson	Indigo	Rubens Madder
Alizarin Scarlet	Mars Yellow	Scarlet Lake
Brown Madder	Neutral Orange	Sepia
Carmine Lake	Purple Lake	Vermilion
Crimson Lake	Roman Sepia	Warm Sepia

Whole Tubes and Pans. Per doz.
 Half Tubes and Half Pans. "

SERIES 3

Cadmium Yellow, Pale	Cobalt Green	Mars Orange
Cadmium Yellow	Emerald Oxide	Orange Vermilion
Cadmium Orange	French Blue	Scarlet Vermilion
Cerulean Blue	Indian Yellow	Oxide of Chromium
Cobalt Blue	Lemon Yellow	Viridian

Whole Tubes and Pans. Per doz.
 Half Tubes and Half Pans. "

SERIES 4

Aureolin	Madder Carmine	Rose Madder
Aurora Yellow	Madder Lake	Scarlet Madder
Burnt Carmine	Purple Madder	Violet Carmine
Carmine	Primrose Aureolin	Yellow Carmine
Field's Orange Vermilion	Rose Dorée	

Whole Tubes and Pans. Per doz.
 Half Tubes and Half Pans. "

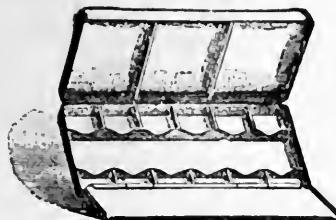
CHINESE WHITE

Tubes of Chinese White are double the ordinary size

Large Tubes. Per doz. Small Tubes. Per doz.

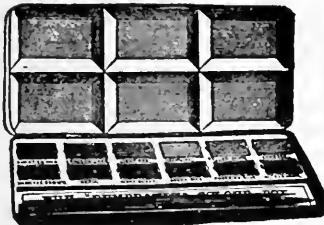
JAPANNED TIN BOXES

For moist water colors



No.		6	10	12	16	20	divisions
2136.	For Whole Pans.....						
	Per piece.....	6	10	12	16	20	
2136A.	For Half Pans.....	8	12	16	20	24	divisions
	Per piece.....						
2136B.	For Tubes.....			12	15	20	24
	Per piece.....						divisions

MOIST WATER COLORS, IN JAPANNED TIN BOXES



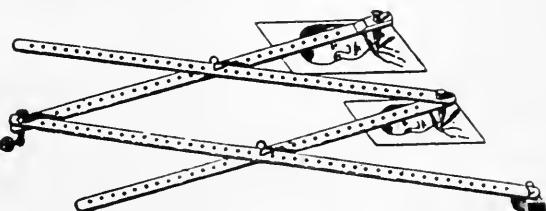
The "Rembrandt"

REMBRANDT AND MURILLO

	Per piece	Per doz.
2240. "Rembrandt," large, 12 colors and brushes.....		
2241. "Murillo," large, 16 pans superior colors, tubes, Chinese white, sepia, and camel hair brushes.....		
2242. "Murillo," small, 12 pans, 2 tubes and brushes.....		

LIQUID TRANSPARENT WATER COLORS

	Per box
2140. For Coloring Photographs, Etc., in polished wooden box, containing 12 assorted colors.....	

2290. IMPROVED
PANTOGRAPHInstructions furnished with each
pantographNo. 1 2 3 4 5 6
Per piece—

No. 2150. WHATMAN'S DRAWING PAPER

For Water Color Painting. Smooth, Medium and Rough Surface

	per quire	per sheet	per quire	per sheet
Cap	13 x 17 in.		Demy	15 x 20 in.
Medium	17 x 22 in.		Royal	19 x 24 in.
Double Elephant	26 x 40 in.		Imperial	22 x 30 in.

Extra Heavy

Imperial, 140 lbs. to the ream.

Double Elephant, 210 lbs. to the ream.

No. 2152. GERMAN WHITE DRAWING PAPER

For Pencil and Ink Drawing

	per quire	per sheet	per quire	per sheet
Cap	14 x 17 in.		Demy	15 x 20 in.
Medium	17 x 22 in.		Royal	19 x 24 in.
Super Royal	19 x 27 in.		Imperial	22 x 30 in.

Double Elephant, 26 x 40 in.

No. 2154. ILLUSTRATION BOARDS (Mounted Drawing Paper)

For Black and White Work, Water Color and Pencil Drawing

Size	22 x 30 in.	30 x 40 in.
Per sheet		

No. 2158. SKETCH BLOCKS OR DRAWING PADS

Whatman's Water Color Paper

Sizes,	Inches	5 x 7	7 x 10	9 x 12	10 x 14	12 x 18	14 x 20
Per piece,							

No. 2160. SKETCH BLOCKS OR DRAWING PADS

For Pencil and Ink Drawing

Sizes,	Inches	5 x 7	7 x 10	9 x 12	10 x 14	12 x 18	14 x 20
Per piece,							

FRENCH CHARCOAL IN STICKS FOR GLASS STAINERS

No.		Per box
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2168. Ordinary Charcoal, 6 $\frac{3}{4}$ x 1 $\frac{1}{4}$ in., 50 sticks in box.2168A. Conte's Venetian Charcoal, 6 x 1 $\frac{1}{2}$ in., 50 sticks in box.

2172. THUMB TACKS, brass

3 $\frac{1}{8}$ in. 1 $\frac{1}{2}$ in.5 $\frac{1}{8}$ in. diameter

Per gross.

Per dozen.

2202. BOXWOOD MODELING TOOLS for Wax, Clay or Plaster.

36 different shapes 6 in. tools 8 in. tools

Per dozen

WIRE MODELING TOOLS

2204. One ended brass Wire Tools, 8 in. long, per doz.

2204A. Double ended brass Wire Tools, 8 in. long, per doz.

2205. MODELING CLAY, in cans of 5 lbs., per can.

2206. MODELING WAX (PLASTELINE), per lb.

Materials for Decorating

Requiring No Burning

TRANSPARENT COLD STAIN

For Glass Decorating

Black	Olive Green	Lemon Yellow
Matt Black	Peacock Green	Orange
Blue	Cerise	Frosted White
Carmine	Ruby	Colorless
Grass Green	Violet	

No. Per oz. Per pint Per gal.
2100. Cold Stain—All Colors

ENAMEL PAINT

Dries with a High Gloss

Black	Dark Green	Scarlet
Chestnut Brown	Light Green	Turquoise
Celeste Blue	Olive Green	Yellow
Lavender	Maroon	Orange
Pink	Violet	Ivory

No. Per pint Per gal.
2110. Enamel Paint—All Colors

BRONZE POWDERS

Green Gold	Olive Green	Lemon
Rich Gold	Maroon	Orange
Gold Color	Peacock Green	Copper
Pale Gold	Peacock Blue	Fire
Roman Gold	Crimson	

No. Per lb.
2111. Bronze Powders—All Colors
2112. Aluminum Bronze Powder
2113. Imitation Roman Gold in Powder.
2115. Bronzing Liquid. Per pint Per gal.

Crystal and Colored Pearls

FOR PARCHMENT AND SILK DECORATION

These Pearls are perfectly round and lustrous. They are carefully made and free of dust.

Furnished in four sizes, viz.: No. 5, No. 7, No. 9, No. 11—the smallest being No. 11.

No.		Per oz.	Per lb.
1494.	Crystal Pearls, all sizes		
1495.	Colored Pearls, all sizes		
Black	Dark Green	Light Red	
Dark Blue	Light Green	Citron Yellow	
Light Blue	Purple	Orange	
Pink	Violet	Dark Amber	
Rose	Dark Red	Light Amber	
	Gold	Silver	

Fabricolor

For Painting on Textiles

Fabricolor is prepared with extreme care and after being painted on Textiles is washable and will stand any test to which delicate fabrics of any nature may be subjected.

COLOR LIST

Black	Pink	Violet
Azure Blue	American Beauty	Brilliant Red
Baby Blue	Emerald Green	Tangerine
Celestial Blue	Nile Green	Golden Yellow
Deep Blue	Reseda Green	Lemon Yellow
Turquoise Blue	Turquoise Green	Orange
Dark Brown	Silver Gray	Thickening Medium
Tan	Orchid	Thinning Medium
		Per Per
No.		1 oz. jar 2 oz. jar
2120. Fabricolor, all colors		

FABRICOLOR OUTFITS

No.		Per set
2120 Set A.	6 asst'd 1 oz. jars, 1 brush, 1 pattern	
2120 Set B.	12 asst'd 1 oz. jars, 2 brushes, 1 pattern	
2120 Set C.	6 asst'd 2 oz. jars, 2 brushes, 1 pattern	
2120 Set D.	12 asst'd 2 oz. jars, 2 brushes, 1 pattern	

Circular with directions on request



GRADUATING GLASSES

No.		Per piece
1937A. Graduated from $\frac{1}{2}$ oz. to 8 oz.		
1937B. Graduated from $\frac{1}{2}$ oz. to 16 oz.		

HAND SCALES

For Weighing Colors or Gold

No.		Each
2007. Six-inch Beam. Hanger, Beam and Pans nickel plated and polished. In neat wood box, with complete set of Brass Weights. From 2 drachms to $\frac{1}{2}$ grain.		

GRAIN AND DRACHM WEIGHTS

No.		Per set
2008. Grain weights, 6 grains to $\frac{1}{2}$ grain		
2008A. 1 ounce to $\frac{1}{2}$ grain, Apothecary's, Block and Coin		
2008B. Drachm Weights, Coin, 2 drachms to $\frac{1}{2}$ grain		

Publications
INSTRUCTIVE AND TECHNICAL

Pertaining to the manufacture and decoration of Pottery, Glass and Enameled Ware, Etc.

No.	Title	Per copy
2210.	BOOKS OF DESIGNS consisting of three volumes, each of which contain 5000 conventional and naturalistic designs.....	Per set
2280.	THE TEACHER OF CHINA PAINTING teaches designing, mixing and application of China Colors and Lustres, firing, and remedying mistakes. By D. M. Campana.....	
2281.	BOOK OF MONOGRAMS contains hundreds of Monograms and fancy Letters, and teaches simple methods of making Monograms. By D. M. Campana	
2282.	100 LUSTRE COMBINATIONS devoted to Lustres exclusively. Gives instructions on their application and combining. By D. M. Campana.....	
2283.	THE POTTER'S CRAFT , a practical guide for the studio and workshop. Clays—their mixing and molding. Glazes—their application. Decorating and Firing. By Charles F. Binns.....	
2284.	DECORATIVE GLASS PROCESSES contains Introduction, Various Kinds of Glass in Use; Their Characteristics, Comparative Price, etc. Leaded Lights, Stained Glass, Embossed Glass, Brilliant Cutting and Beveling, Sand-Blast and Crystalline Glass, Gilding, Silvering and Mosaic. Proprietary Processes. Patents. Glossary. By Arthur Louis Duthie.....	
2285.	GLASS MANUFACTURE consists of a Preface. Physical and Chemical Properties of Glass. The Raw Materials of Glass Manufacture. Crucibles, Furnaces for the Fusion of Glass. The Process of Fusion. Processes Used in the Working of Glass. Bottle Glass, Blown and Pressed Glass. Rolled or Plate Glass, Sheet and Crown Glass. Colored Glass. Optical Glass. Miscellaneous Products. Appendix. By Walter Rosenhain, B.A., B. C. E.....	
2286.	ARCHITECTURAL POTTERY , pertaining to Bricks, Tiles, Pipes, Enamelled Terra-Cottas, Ordinary and Inerusted Quarries, Stoneware Mosaics, Faiencees and Architectural Stoneware, with 5 plates and 950 illustrations. 500 pages. By Leon Lefevre.....	
2287.	THE MANUAL OF PRACTICAL POTTING. Third Edition. Revised and enlarged. 678 Valuable Recipes. 204 pages. Specially compiled by experts and edited by Charles F. Binns.....	
2288.	A TREATISE ON CERAMIC INDUSTRIES. A Complete Manual for Pottery, Tile and Brick Manufacturers, by Emile Bourry. A Revised Translation from the French, with some Critical Notes by Alfred B. Searle. 308 illustrations. 460 pages.....	
2289.	ENAMELS AND ENAMELING , with an Introduction to the Preparation and Application of all kinds of Enamels for Technical and Artistic Purposes. Translated from the German. 16 illustrations. 180 pages. By Paul Randau	
2291.	ENCYCLOPEDIA OF CERAMICS , with much original matter now first published. With many engravings and figures. By W. P. Jervis.....	

Weights and Measures

Equivalent of English Weights and Measures in the Metric System

TROY WEIGHTS

24 Grains	=	1 Grain Troy	=	0.064 Grammes
20 Pennyweights	=	1 Pennyweight	=	1.555 "
12 Ounces	=	1 Ounce	=	31.100 "
1 Gramme	=	1 Pound Troy	=	373.240 "
10 Grammes	=	15.43 Grains		
100 "	=	6.43 Pennyweights		
1000 "	=	3.21 Ounces		
		2.67 Pounds Troy		

AVOIRDUPOIS WEIGHTS

30 Grains	=	1 Grain Avoir.	=	0.059 Grammes
16 Drams	=	1 Dram	=	1.770 "
16 Ounces	=	1 Ounce	=	28.349 "
112 Pounds	=	1 Pound Avoir.	=	453.592 "
20 Cwt.	=	1 Hundredweight	=	50.800 Kilogrammes
1 Gramme	=	1 Ton	=	1016.000 "
10 Grammes	=	0.56 Drams		
100 "	=	5.64 "		
1 Kilogramme	=	3.52 Ounces		
100 "	=	2.20 Pounds Avoir.		
		1.96 Cwt.		

MEASURES OF LENGTH

12 Inches	=	1 Inch	=	2.53 Centimètres
3 Feet	=	1 Foot	=	30.47 "
1760 Yards	=	1 Yard	=	91.43 "
1 Centimètre	=	1 Mile	=	1609.00 Mètres
1 Décimètre	=	0.39 Inch		
1 Mètre	=	3.93 "		
1 Kilomètre	=	3.28 Feet		
		1093.60 Yards		

MEASURES OF CAPACITY

4 Gills	=	1 Gill	=	0.118 Litre
2 Pints	=	1 Pint	=	0.473 "
4 Quarts	=	1 Quart	=	0.946 "
1 Décilitre	=	1 Gallon	=	3.785 "
1 Litre	=	0.845 Gill		
1 Hectolitre	=	2.113 Pint		
		26.417 Gallons		

MELTING POINTS OF METALS

Metal	Deg. Fahr.	Deg. Cent.	Metal	Deg. Fahr.	Deg. Cent.
Tin	450	232	Gold	1947	1064
Lead	621	327	Copper (in air)	1944	1062
Zinc	786	419	Nickel	2601	1427
Antimony	1170	632	Pure Iron	2737	1503
Aluminum	1215	657	Platinum	3110	1710
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